



#3

# SEQUENCE LISTING

<110> LIU, Qiang

<120> POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE  
TRIPLETS BY ZINC FINGERS

<130> 8325-0011.20 / S11-US2

<140> 09/989,994

<141> 2001-11-20

<160> 4085

<170> PatentIn Ver. 2.0

<210> 1

<211> 25

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: exemplary motif

<220>

<221> MOD\_RES

<222> (2)..(5)

<223> this region may encompass two to four residues  
consisting of any amino acid

<220>

<221> MOD\_RES

<222> (7)..(18)

<223> any amino acid

<220>

<221> MOD\_RES

<222> (20)..(24)

<223> this region may encompass three to five residues  
consisting of any amino acid

<400> 1

Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10 15

Xaa Xaa His Xaa Xaa Xaa Xaa Xaa His  
20 25

<210> 2

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 2

Thr Gly Glu Lys Pro  
1 5

<210> 3

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 3

Gly Gly Gly Gly Ser  
1 5

<210> 4

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 4

Gly Gly Arg Arg Gly Gly Gly Ser  
1 5

<210> 5

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 5

Leu Arg Gln Arg Asp Gly Glu Arg Pro  
1 5

<210> 6

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 6

Leu Arg Gln Lys Asp Gly Gly Gly Ser Glu Arg Pro

1

5

10

<210> 7

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide linker

<400> 7

Leu Arg Gln Lys Asp Gly Gly Gly Ser Gly Gly Gly Ser Glu Arg Pro  
1 5 10 15

<210> 8

<211> 25

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: exemplary motif

<220>

<221> MOD\_RES

<222> (2)..(5)

<223> this region may encompass two to four residues  
consisting of any amino acid

<220>

<221> MOD\_RES

<222> (7)..(18)

<223> any amino acid

<220>

<221> MOD\_RES

<222> (20)..(24)

<223> this region may encompass three to five residues  
consisting of any amino acid

<400> 8

Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10 15

Xaa Xaa His Xaa Xaa Xaa Xaa Xaa His  
20 25

<210> 9

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: mouse transcription  
factor Zif268

<400> 9

Tyr Ala Cys Pro Val Glu Ser Cys Asp Arg Arg Phe Ser Arg Ser Asp  
1 5 10 15

Glu Leu Thr Arg His Ile Arg Ile His Thr Gly Gln Lys Pro  
20 25 30

<210> 10

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: mouse transcription  
factor Zif268

<400> 10

Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp His Leu  
1 5 10 15

Thr Thr His Ile Arg Thr His Thr Gly Glu Lys Pro  
20 25

<210> 11

<211> 27

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: mouse transcription  
factor Zif268

<400> 11

Phe Ala Cys Asp Ile Cys Gly Arg Lys Phe Ala Arg Ser Asp Glu Arg  
1 5 10 15

Lys Arg His Thr Lys Ile His Leu Arg Gln Lys  
20 25

<210> 12

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: target DNA

<400> 12

gcgtgggcg

9



<210> 13  
<211> 94  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Sp-1  
transcription factor

<400> 13  
Pro Gly Lys Lys Lys Gln His Ile Cys His Ile Gln Gly Cys Gly Lys  
1 5 10 15  
Val Tyr Gly Lys Thr Ser His Leu Arg Ala His Leu Arg Trp His Thr  
20 25 30  
Gly Glu Arg Pro Phe Met Cys Thr Trp Ser Tyr Cys Gly Lys Arg Phe  
35 40 45  
Thr Arg Ser Asp Glu Leu Gln Arg His Lys Arg Thr His Thr Gly Glu  
50 55 60  
Lys Lys Phe Ala Cys Pro Glu Cys Pro Lys Arg Phe Met Arg Ser Asp  
65 70 75 80  
His Leu Ser Lys His Ile Lys Thr His Gln Asn Lys Lys Gly  
85 90

<210> 14  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: target DNA

<400> 14  
ggggcgggg

9

<210> 15  
<211> 100  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Sp-1 consensus  
sequence

<400> 15  
Met Glu Lys Leu Arg Asn Gly Ser Gly Asp Pro Gly Lys Lys Lys Gln  
1 5 10 15

His Ala Cys Pro Glu Cys Gly Lys Ser Phe Ser Lys Ser Ser His Leu  
                   20                                  25                                  30  
 Arg Ala His Gln Arg Thr His Thr Gly Glu Arg Pro Tyr Lys Cys Pro  
                   35                                  40                                  45  
 Glu Cys Gly Lys Ser Phe Ser Arg Ser Asp Glu Leu Gln Arg His Gln  
                   50                                  55                                  60  
 Arg Thr His Thr Gly Glu Lys Pro Tyr Lys Cys Pro Glu Cys Gly Lys  
                   65                                  70                                  75                                  80  
 Ser Phe Ser Arg Ser Asp His Leu Ser Lys His Gln Arg Thr His Gln  
                                   85                                  90                                  95  
 Asn Lys Lys Gly  
                   100

<210> 16  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Sp-1 consensus  
           sequence

<400> 16  
 ggggcgggg

9

<210> 17  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
           DNA

<400> 17  
 gcgggggcg

9

<210> 18  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
           DNA

<400> 18  
gcgsggggsg

9

<210> 19  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 19  
gcggaggsg

9

<210> 20  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 20  
gcggccsg

9

<210> 21  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 21  
ggatggggg

9

<210> 22  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 22  
gcgggggtcc

9

<210> 23  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 23  
gcggggcggg

9

<210> 24  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 24  
gcagaggag

9

<210> 25  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 25  
gaggtggcc

9

<210> 26  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 26  
gcgggggct

9

<210> 27  
<211> 9

<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 27  
gcgggggct

9

<210> 28  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 28  
gtggctgcc

9

<210> 29  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 29  
gtggctgcc

9

<210> 30  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 30  
ggggccggg

9

<210> 31  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>	
<223> Description of Artificial Sequence: example target	
DNA	
<400> 31	
ggggccggg	9
<210> 32	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target	
DNA	
<400> 32	
gcaggggcc	9
<210> 33	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target	
DNA	
<400> 33	
tgcggggcaa	10
<210> 34	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target	
DNA	
<400> 34	
tgcggggcaa	10
<210> 35	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target	
DNA	

<400> 35  
tgcggggcaa

10

<210> 36  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 36  
tgcggggcaa

10

<210> 37  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 37  
tgcggggcaa

10

<210> 38  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 38  
tgcggggcaa

10

<210> 39  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 39  
tgcggggcaa

10

<210> 40  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 40  
tgcggggcaa 10

<210> 41  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 41  
tgcggggcaa 10

<210> 42  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 42  
tgcggggcaa 10

<210> 43  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 43  
tgcggggcaa 10

<210> 44  
<211> 10



<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 44	
tgcggggcaa	10
<210> 45	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 45	
gggggcggg	9
<210> 46	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 46	
gagggggcg	9
<210> 47	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 47	
gtagttgtg	9
<210> 48	
<211> 9	
<212> DNA	
<213> Artificial Sequence	

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 48  
gtagttgtg

9

<210> 49  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 49  
gtagttgtg

9

<210> 50  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 50  
gtagttgtg

9

<210> 51  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 51  
gtagttgtg

9

<210> 52  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 52  
gctgaggaa

9

<210> 53  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 53  
gaggaagat

9

<210> 54  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 54  
gtagttgtg

9

<210> 55  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 55  
gtagttgtg

9

<210> 56  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 56  
gtagttgtg

9

<210> 57  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 57  
gtagttgtg

9

<210> 58  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 58  
gtagttgtg

9

<210> 59  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220> -  
<223> Description of Artificial Sequence: example target  
DNA

<400> 59  
gatgctgag

9

<210> 60  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 60  
gatgctgag

9

<210> 61  
<211> 9

<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 61  
gatgctgag

9

<210> 62  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 62  
gctgaggaa

9

<210> 63  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 63  
gaagatgac

9

<210> 64  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 64  
gaagatgac

9

<210> 65  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
       DNA

<400> 65  
 gatgacgac

9

<210> 66  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
       DNA

<400> 66  
 gacgacggc

9

<210> 67  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
       DNA

<400> 67  
 gacgacggc

9

<210> 68  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
       DNA

<400> 68  
 gacgacggc

9

<210> 69  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
       DNA

<400> 69  
gacggcgta

9

<210> 70  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 70  
gacggcgta

9

<210> 71  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 71  
gacggcgta

9

<210> 72  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 72  
gacggcgta

9

<210> 73  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 73  
gagggggcg

9

<210> 74  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 74  
gccgaggtgc 10

<210> 75  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 75  
ggtggagtca 10

<210> 76  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 76  
gtcgcagtga 10

<210> 77  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 77  
gacttggtgc 10

<210> 78



<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 78	
ggtggagtca	10
<210> 79	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 79	
gagtactgta	10
<210> 80	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 80	
gtggaggaga	10
<210> 81	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 81	
gtggaggaga	10
<210> 82	
<211> 10	
<212> DNA	
<213> Artificial Sequence	

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 82  
 caggctgcgc 10

<210> 83  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 83  
 caggctgcgc 10

<210> 84  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 84  
 caggctgcgc 10

<210> 85  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 85  
 gaagaggtct 10

<210> 86  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 86  
gaggtctgga 10

<210> 87  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 87  
ggagaggatg 10

<210> 88  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 88  
ggagaggatg 10

<210> 89  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 89  
ggagaggatg 10

<210> 90  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 90  
gtggcggacc 10

<210> 91  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 91  
gtggcgacc

10

<210> 92  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 92  
gagggcgaag

10

<210> 93  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 93  
gagggcgaag

10

<210> 94  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 94  
ggagaggttt

10

<210> 95

<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 95  
ggagaggttt

10

<210> 96  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 96  
tggtaggggg

10

<210> 97  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 97  
taggggggtgg

10

<210> 98  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 98  
gccgaggtgc

10

<210> 99  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
     DNA  
  
 <400> 99  
 gccgaggtgc 10

<210> 100  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
     DNA  
  
 <400> 100  
 gccgaggtgc 10

<210> 101  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
     DNA  
  
 <400> 101  
 gcgggcgggc 10

<210> 102  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
     DNA  
  
 <400> 102  
 gagtgtgtga 10

<210> 103  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target

DNA		
<400> 103		
gagtgtgtga		10
<210> 104		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 104		
gagtgtgtga		10
<210> 105		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 105		
gagtgtgtga		10
<210> 106		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 106		
gagtgtgtga		10
<210> 107		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 107		

gagtgtgtga 10

<210> 108  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 108  
gagtgtgtga 10

<210> 109  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 109  
gagtgtgtga 10

<210> 110  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 110  
gagtgtgtga 10

<210> 111  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 111  
gagtgtgtga 10

<210> 112



<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 112  
gagtgtgtga

10

<210> 113  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 113  
gagtgtgtga

10

<210> 114  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 114  
tgcggggca

9

<210> 115  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 115  
gagtgtgtga

10

<210> 116  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 116 gagtgtgtga	10
<210> 117 <211> 10 <212> DNA <213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 117 gagtgtgtga	10
<210> 118 <211> 10 <212> DNA <213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 118 gagtgtgtga	10
<210> 119 <211> 9 <212> DNA <213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 119 gatgctgag	9
<210> 120 <211> 9 <212> DNA <213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target	

DNA

<400> 120  
gaagatgac

9

<210> 121  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 121  
gatgacgac

9

<210> 122  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 122  
gtagttgtg

9

<210> 123  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 123  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 124  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 124  
Arg Ser Asp Glu Leu Thr Arg

1

5

<210> 125  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 125  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 126  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 126  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 127  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 127  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 128  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 128  
Glu Arg Gly Asp Leu Thr Thr  
1 5

<210> 129

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 129  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 130  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 130  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 131  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 131  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 132  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 132  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 133  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 133  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 134  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 134  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 135  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 135  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 136  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 136  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 137  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 137  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 138  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 138  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 139  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 139  
Arg Ser Ala Asp Leu Thr Arg  
1 5 -

<210> 140  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 140  
Arg Ser Ala Asp Leu Thr Arg  
1 5

<210> 141  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 141  
Arg Ser Ala Asp Leu Thr Arg  
1 5

<210> 142  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 142  
Arg Ser Ala Asp Leu Thr Arg  
1 5

<210> 143  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 143  
Arg Ser Ala Asp Leu Thr Arg  
1 5

<210> 144  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 144  
Arg Ser Ala Asp Leu Thr Arg  
1 5

<210> 145  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 145  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 146  
<211> 7



<212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 146  
 Gln Ser Gly Ser Leu Thr Arg  
   1                  5

<210> 147  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
 <400> 147  
 Gln Ser Gly Ser Leu Thr Arg  
   1                  5

<210> 148  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 148  
 Gln Ser Gly Ser Leu Thr Arg  
   1                  5

<210> 149  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 149  
 Gln Ser Gly Ser Leu Thr Arg  
   1                  5

<210> 150  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>

<223> Description of Artificial Sequence: example ZFP

<400> 150

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 151

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 151

Arg Ser Asp His Leu Thr Arg  
1 5

<210> 152

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 152

Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 153

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 153

Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 154

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 154

Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 155  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 155  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 156  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 156  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 157  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 157  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 158  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 158  
Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 159  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 159  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 160  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 160  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 161  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 161  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 162  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 162  
Asp Ser Asp Ser Leu Leu Arg  
1 5

<210> 163  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 163

Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 164

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 164

Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 165

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 165

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 166

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 166

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 167

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 167  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 168  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 168  
Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 169  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 169  
Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 170  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 170  
Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 171  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 171  
Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 172  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 172  
Asp Ser Gly His Leu Thr Arg  
1 5

<210> 173  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 173  
Asp Ser Gly His Leu Thr Arg  
1 5

<210> 174  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 174  
Asp Ser Gly Asn Leu Thr Arg  
1 5

<210> 175  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 175  
Gln Ser Ala Ser Leu Thr Arg  
1 5

<210> 176

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 176  
Gln Ser Ala Ser Leu Thr Arg  
1 5

<210> 177  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 177  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 178  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 178  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 179  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 179  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 180  
<211> 7  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 180  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 181  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 181  
Asp Ser Gly Ser Leu Thr Arg  
1 5

<210> 182  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 182  
Arg Ser Asp Ser Leu Arg Arg  
1 5

<210> 183  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 183  
Arg Ser Asp Thr Leu Ala Arg  
1 5

<210> 184  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 184  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 185  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 185  
Gln Arg Ser His Leu Thr Thr  
1 5

<210> 186  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 186  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 187  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 187  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 188  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 188  
Arg Ser Asp Asp Leu Thr Arg  
1 5

<210> 189  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 189  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 190  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 190  
Arg Ser Asp Asp Leu Thr Arg  
1 5

<210> 191  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 191  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 192  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 192  
Arg Ser Ser His Leu Thr Thr  
1 5

<210> 193  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 193

Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 194

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 194

Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 195

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 195

Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 196

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 196

Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 197

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 197

Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 198

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 198

Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 199

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 199

Gln Ser Asp Asn Leu Ala Arg  
1 5

<210> 200

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 200

Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 201

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 201

Asn Arg Ala Thr Leu Ala Arg

1

5

<210> 202  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 202  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 203  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 203  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 204  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 204  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 205  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 205  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 206  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 206  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 207  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 207  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 208  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 208  
Arg Ser Asp Leu Leu Gln Arg  
1 5

<210> 209  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 209  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 210  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 210  
Arg Lys Asp Ser Leu Val Arg  
1 5

<210> 211  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 211  
Arg Ser Asp Leu Leu Gln Arg  
1 5

<210> 212  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 212  
Arg Lys Asp Ser Leu Val Arg  
1 5

<210> 213  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 213  
Arg Ser Ser Leu Leu Gln Arg  
1 5

<210> 214  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP



<400> 214  
Arg Ser Ser Leu Leu Gln Arg  
1 5

<210> 215  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 215  
Arg Lys Asp Ser Leu Val Arg  
1 5

<210> 216  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 216  
Arg Ser Asp Leu Leu Gln Arg  
1 5

<210> 217  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 217  
Arg Lys Asp Ser Leu Val Arg  
1 5

<210> 218  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 218  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 219  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 219  
Arg Lys Asp Ser Leu Val Arg  
1 5

<210> 220  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 220  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 221  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 221  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 222  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 222  
Arg Ser Ser Leu Leu Gln Arg  
1 5

<210> 223  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 223

Arg Lys Asp Ser Leu Val Arg  
1 5

<210> 224

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 224

Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 225

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 225

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 226

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 226

Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 227

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 227

Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 228

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 228

Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 229

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 229

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 230

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 230

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 231

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 231

Arg Ser Asp Asn Leu Thr Arg

1

5

<210> 232  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 232  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 233  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 233  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 234  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 234  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 235  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 235  
Glu Arg Gly His Leu Thr Arg  
1 5

<210> 236  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 236  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 237  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 237  
Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 238  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 238  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 239  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 239  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 240  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 240  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 241  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 241  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 242  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 242  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 243  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 243  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 244  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 244  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 245  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 245  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 246  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 246  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 247  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 247  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 248  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 248  
Arg Ser Asp His Leu Thr Thr  
1 5



<210> 249  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 249  
Arg Gly Asp His Leu Lys Asp  
1 5

<210> 250  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 250  
Arg Gly Asp His Leu Lys Asp  
1 5

<210> 251  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 251  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 252  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 252  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 253  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 253

Arg Ser Asp His Leu Thr Thr  
1 5

<210> 254

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 254

Arg Ser Asp His Leu Thr Thr  
1 5

<210> 255

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 255

Arg Gly Asp His Leu Lys Asp  
1 5

<210> 256

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 256

Arg Gly Asp His Leu Lys Asp  
1 5

<210> 257

<211> 7

<212> PRT

<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 257  
Asp Ser Gly His Leu Thr Arg  
1 5

<210> 258  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 258  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 259  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 259  
Thr Gly Gly Ser Leu Ala Arg  
1 5

<210> 260  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 260  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 261  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 261

Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 262  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 262  
Thr Gly Gly Ser Leu Ala Arg  
1 5

<210> 263  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 263  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 264  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 264  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 265  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 265  
Gln Ser Gly Asn Leu Gln Arg  
1 5

<210> 266  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 266  
 Thr Gly Gly Ser Leu Ala Arg  
   1                  5

<210> 267  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 267  
 Asn Arg Ala Thr Leu Ala Arg  
   1                  5

<210> 268  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 268  
 Thr Gly Gly Ser Leu Ala Arg  
   1                  5

<210> 269  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 269  
 Thr Gly Gly Ser Leu Thr Arg  
   1                  5

<210> 270  
 <211> 7  
 <212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 270

Thr Gly Gly Ser Leu Ala Arg  
1 5

<210> 271

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 271

Thr Ser Ser Glu Leu Gln Arg  
1 5

<210> 272

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 272

Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 273

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 273

Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 274

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 274  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 275  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 275  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 276  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 276  
Thr Ser Ala Asn Leu Ser Arg  
1 5

<210> 277  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 277  
Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 278  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 278  
Asp Arg Ser Asn Leu Glu Arg

1

5

<210> 279

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 279

Asp His Ala Asn Leu Ala Arg

1

5

<210> 280

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 280

Asp His Ala Asn Leu Ala Arg

1

5

<210> 281

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 281

Asp Ser Gly His Leu Thr Arg

1

5

<210> 282

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 282

Asp Ser Gly His Leu Thr Arg

1

5

<210> 283



<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 283  
Asp Ser Gly His Leu Thr Arg  
1 5

<210> 284  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 284  
Asp Ser Gly His Leu Thr Arg  
1 5

<210> 285  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 285  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 286  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 286  
Arg Ser Lys Asn Leu Gln Arg  
1 5

<210> 287  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 287  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 288  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 288  
Gln Ser Ser Asp Leu Gln Lys  
1 5

<210> 289  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 289  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 290  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 290  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 291  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 291  
Asp Arg Ser Asn Leu Arg Thr  
1 5

<210> 292  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 292  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 293  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 293  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 294  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 294  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 295  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 295  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 296  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 296  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 297  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 297  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 298  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 298  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 299  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 299  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 300  
<211> 7

<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 300  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 301  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 301  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 302  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 302  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 303  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 303  
Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 304  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 304

Glu Ser Ser Lys Leu Lys Arg  
1 5

<210> 305

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 305

Glu Ser Ser Lys Leu Lys Arg  
1 5

<210> 306

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 306

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 307

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 307

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 308

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 308

Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 309  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 309  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 310  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 310  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 311  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 311  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 312  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 312  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 313  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 313  
Glu Arg Gly His Leu Thr Arg  
1 5

<210> 314  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 314  
Met Ser His His Leu Lys Glu  
1 5

<210> 315  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 315  
Met Ser His His Leu Lys Glu  
1 5

<210> 316  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 316  
Thr Ser Asp His Leu Ala Ser  
1 5

<210> 317  
<211> 7  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 317  
Met Ser His His Leu Lys Thr  
1 5

<210> 318  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 318  
Thr Ser Gly His Leu Thr Ser  
1 5

<210> 319  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 319  
Met Ser His His Leu Lys Thr  
1 5

<210> 320  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 320  
Met Ser His His Leu Lys Glu  
1 5

<210> 321  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 321  
Thr Lys Asp His Leu Ala Ser  
1 5

<210> 322  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 322  
Met Ser His His Leu Lys Thr  
1 5

<210> 323  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 323  
Met Ser His His Leu Lys Thr  
1 5

<210> 324  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 324  
Met Ser His His Leu Lys Glu  
1 5

<210> 325  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 325  
Thr Ser Asp His Leu Ala Ser  
1 5

<210> 326  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 326  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 327  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 327  
Thr Ser Asp His Leu Ala Ser  
1 5

<210> 328  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 328  
Met Ser His His Leu Lys Thr  
1 5

<210> 329  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 329  
Met Ser His His Leu Lys Glu  
1 5

<210> 330

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 330  
Thr Ser Gly His Leu Thr Ser  
1 5

<210> 331  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 331  
Thr Ser Ser Glu Leu Gln Arg  
1 5

<210> 332  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 332  
Thr Ser Ala Asn Leu Ser Arg  
1 5

<210> 333  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 333  
Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 334  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 334  
Thr Gly Gly Ser Leu Ala Arg  
1 5

<210> 335  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 335  
Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 336  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 336  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 337  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 337  
Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 338  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 338

Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 339  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 339  
Gln Arg Ala His Leu Ala Arg  
1 5

<210> 340  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 340  
Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 341  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 341  
Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 342  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 342  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 343  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 343  
Arg Ser Asp Asn Leu Ser Arg  
1 5

<210> 344  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 344  
Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 345  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 345  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 346  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 346  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 347  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 347

Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 348

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 348

Arg Ser Asp His Leu Thr Arg  
1 5

<210> 349

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 349

Arg Ser Asp His Leu Thr Arg  
1 5

<210> 350

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 350

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 351

<211> 7

<212> PRT

<213> Artificial Sequence

<220>



<223> Description of Artificial Sequence: example ZFP

<400> 351

Glu Arg Gln His Leu Ala Thr  
1 5

<210> 352

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 352

Glu Arg Asp His Leu Arg Thr  
1 5

<210> 353

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 353

Glu Arg Gln His Leu Ala Thr  
1 5

<210> 354

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 354

Glu Arg Asp His Leu Arg Thr  
1 5

<210> 355

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 355

Glu Arg Gln His Leu Ala Thr

1

5

<210> 356  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 356  
Glu Arg Asp His Leu Arg Thr  
1 5

<210> 357  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 357  
Glu Arg Gln His Leu Ala Thr  
1 5

<210> 358  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 358  
Glu Arg Asp His Leu Arg Thr  
1 5

<210> 359  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 359  
Glu Arg Gln His Leu Ala Thr  
1 5

<210> 360

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 360  
Glu Arg Asp His Leu Arg Thr  
1 5

<210> 361  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 361  
Glu Arg Gln His Leu Ala Thr  
1 5

<210> 362  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 362  
Glu Arg Asp His Leu Arg Thr  
1 5

<210> 363  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 363  
Arg Ser Asp His Leu Gln Arg  
1 5

<210> 364  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 364  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 365  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 365  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 366  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 366  
Gln Ser Ala Ser Leu Thr Arg  
1 5

<210> 367  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 367  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 368  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 368  
Gln Ser Ala Ser Leu Thr Arg  
1 5

<210> 369  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 369  
Gln Ser Ala Ser Leu Thr Arg  
1 5

<210> 370  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 370  
Thr Ser Ser Glu Leu Gln Arg  
1 5

<210> 371  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 371  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 372  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 372  
Gln Ser Ala Ser Leu Thr Arg  
1 5

<210> 373  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 373  
Gln Ser Gly Ser Leu Thr Arg  
1 5

...

<210> 374  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 374  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 375  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 375  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 376  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 376  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 377  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 377  
Thr Ser Ala Asn Leu Ser Arg  
1 5

<210> 378  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 378  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 379  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 379  
Thr Ser Ala Asn Leu Ser Arg  
1 5

<210> 380  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 380  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 381  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 381

Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 382

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 382

Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 383

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 383

Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 384

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 384

Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 385

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 385



Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 386  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 386  
Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 387  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 387  
Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 388  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 388  
Glu Arg Gly Asn Leu Thr Arg  
1 5

<210> 389  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 389  
Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 390  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 390  
Glu Arg Gly Asn Leu Thr Arg  
1 5

<210> 391  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 391  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 392  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 392  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 393  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 393  
Thr Ser Gly His Leu Thr Arg  
1 5

<210> 394  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 394

Asp Ser Gly Ser Leu Thr Arg  
1 5

<210> 395

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 395

Asp Arg Ser Asn Leu Thr Arg  
1 5

<210> 396

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 396

Asp Ser Ser Lys Leu Ser Arg  
1 5

<210> 397

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 397

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 398

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 398  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 399  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 399  
Arg Ser Asp Ser Leu Ala Arg  
1 5

<210> 400  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 400  
Arg Ser Asp Asn Leu Arg Glu  
1 5

<210> 401  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 401  
Arg Gly Asp His Leu Lys Asp  
1 5

<210> 402  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 402  
Arg Gly Asp His Leu Lys Asp  
1 5

<210> 403  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 403  
Gln Ser Gly Asn Leu Thr Arg  
1 5

<210> 404  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 404  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 405  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 405  
Gln Ser Asp His Leu Thr Arg  
1 5

<210> 406  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 406  
Gln Arg Ala His Leu Ala Arg  
1 5

<210> 407

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 407  
Gln Ser Gly His Leu Arg Arg  
1 5

<210> 408  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 408  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 409  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 409  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 410  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 410  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 411  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 411  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 412  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 412  
Gln Arg Ala His Leu Ala Arg  
1 5

<210> 413  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 413  
Gln Ser Gly His Leu Ala Arg  
1 5

<210> 414  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 414  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 415  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 415  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 416  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 416  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 417  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 417  
Asp Arg Ser Asp Leu Thr Arg  
1 5

<210> 418  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 418  
Asp Cys Arg Asp Leu Ala Arg  
1 5

<210> 419  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 419  
Arg Ser Asp Thr Leu Lys Lys  
1 5



<210> 420  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 420  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 421  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 421  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 422  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 422  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 423  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 423  
Arg Leu Asp Gly Leu Arg Thr  
1 5

<210> 424  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 424

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 425

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 425

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 426

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 426

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 427

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 427

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 428

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 428

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 429

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 429

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 430

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 430

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 431

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 431

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 432

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 432

Asp Ser Gly His Leu Ala Ser

1

5

<210> 433  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 433  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 434  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 434  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 435  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 435  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 436  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 436  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 437  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 437  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 438  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 438  
Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 439  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 439  
Thr Ser Ala Asn Leu Ser Arg  
1 5

<210> 440  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 440  
Gln Arg Ser Ala Leu Thr Arg  
1 5

<210> 441  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 441  
gcagccttg

9

<210> 442  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 442  
gcagccttg

9

<210> 443  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 443  
gcagccttg

9

<210> 444  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 444  
gcagccttg

9

<210> 445  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target

DNA

<400> 445  
gaggtagaa

9

<210> 446  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 446  
gaggtagaa

9

<210> 447  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 447  
gagtggtta

9

<210> 448  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 448  
taggtctta

9

<210> 449  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 449

ggagtggtt

9

<210> 450

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 450

ggagtggtt

9

<210> 451

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 451

ggagtggtt

9

<210> 452

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 452

ggagtggtt

9

<210> 453

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 453

gttgctgga

9

<210> 454



<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 454  
gttgctgga

9

<210> 455  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 455  
gaagtctgt

9

<210> 456  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 456  
gaagtctgt

9

<210> 457  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 457  
gaggtcgta

9

<210> 458  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 458  
gatgttgat

9

<210> 459  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 459  
gatgttgat

9

<210> 460  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 460  
gatgagtac

9

<210> 461  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 461  
gatgagtac

9

<210> 462  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target

DNA

<400> 462  
gatgagtac

9

<210> 463  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 463  
gatgagtac

9

<210> 464  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 464  
tgggaggtc

9

<210> 465  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 465  
gcagccttg

9

<210> 466  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 466

gcagccttg

9

<210> 467

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 467

gcagccttg

9

<210> 468

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 468

gcagccttg

9

<210> 469

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 469

gcagccttg

9

<210> 470

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 470

gcagccttg

9

<210> 471  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 471  
ggtgtggtg

9

<210> 472  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 472  
ggtgtggtg

9

<210> 473  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 473  
gtagaggtg

9

<210> 474  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 474  
ggggagggg

9

<210> 475  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 475  
ggggaggcc

9

<210> 476  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 476  
ggggaggcc

9

<210> 477  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 477  
ggcggggag

9

<210> 478  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 478  
gcaggggag

9

<210> 479  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target

DNA		
<400> 479		
gggggtgct		9
<210> 480		
<211> 9		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 480		
gtgggcgct		9
<210> 481		
<211> 9		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 481		
taagaagg		9
<210> 482		
<211> 9		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 482		
taagaagg		9
<210> 483		
<211> 9		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 483		

gaaggggag

9

<210> 484  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 484  
gaaggggag

9

<210> 485  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 485  
gcggccgcg

9

<210> 486  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 486  
gcggccgcg

9

<210> 487  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 487  
gcggccgcg

9



<210> 488  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 488  
gcggccgcg

9

<210> 489  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 489  
gcggccgcg

9

<210> 490  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 490  
gcggccgcg

9

<210> 491  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 491  
gcagaagtg

9

<210> 492  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 492

gcagaagtg

9

<210> 493

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 493

gcggccgcg

9

<210> 494

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 494

tgtgcggcc

9

<210> 495

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 495

gcagaagcg

9

<210> 496

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 496  
gcagaagcg

9

<210> 497  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 497  
gcagaagcg

9

<210> 498  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 498  
gcagaagcg

9

<210> 499  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 499  
gcagaagcg

9

<210> 500  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 500

gtgtgcggc

9

<210> 501

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 501

tgcgcggcc

9

<210> 502

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 502

tgcgcggcc

9

<210> 503

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 503

gcttaggca

9

<210> 504

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 504

gcttaggca

9

<210> 505  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 505  
gcttaggca

9

<210> 506  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 506  
gcttaggca

9

<210> 507  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 507  
gcttaggca

9

<210> 508  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 508  
gcttaggca

9

<210> 509  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 509

gcttaggca

9

<210> 510

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 510

gcttaggca

9

<210> 511

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 511

gcttaggca

9

<210> 512

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 512

gaagaagcg

9

<210> 513

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 513  
gaagaagcg

9

<210> 514  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 514  
ggagatgcc

9

<210> 515  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 515  
ggagatgcc

9

<210> 516  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 516  
ggagatgcc

9

<210> 517  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 517  
ggagatgcc

9

<210> 518  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 518  
ggagatgcc

9

<210> 519  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 519  
ggagatgcc

9

<210> 520  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 520  
ggagatgcc

9

<210> 521  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 521  
ggagatgcc

9



<210> 522  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 522  
taggagatgc

10

<210> 523  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 523  
ggggaaggg

9

<210> 524  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 524  
ggggaaggg

9

<210> 525  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 525  
ggcggagat

9

<210> 526  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 526

ggcggagat

9

<210> 527

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 527

ggcggagat

9

<210> 528

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 528

gtatctgct

9

<210> 529

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 529

gtatctgtt

9

<210> 530

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 530  
tctgctggg

9

<210> 531  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 531  
tctggtggg

9

<210> 532  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 532  
ggtgtcgcc

9

<210> 533  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 533  
tccgagggt

9

<210> 534  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 534  
gctgggtgtc

9

<210> 535  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 535  
ggaggggtg

9

<210> 536  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 536  
gttggagcc

9

<210> 537  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 537  
gaagaggac

9

<210> 538  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 538  
gaagaggac

9

<210> 539  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 539  
ggctgggcg

9

<210> 540  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 540  
ggctgggcg

9

<210> 541  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 541  
ggctgggcg

9

<210> 542  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 542  
gggtttggg

9

<210> 543  
<211> 9

<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 543  
gggttttggg

9

<210> 544  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 544  
gtgtccgaag

10

<210> 545  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 545  
ggtgctggt

9

<210> 546  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 546  
gagggtgct

9

<210> 547  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 547  
gggggcg

9

<210> 548  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 548  
gagggg

9

<210> 549  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 549  
gtagttgtg

9

<210> 550  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 550  
gtagttgtg

9

<210> 551  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 551  
gtagttgtg

9

<210> 552  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 552  
gtagttgtg

9

<210> 553  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 553  
gtagttgtg

9

<210> 554  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 554  
gctgaggaa

9

<210> 555  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 555  
gaggaagat

9



<210> 556  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 556  
gtggttggcag 10

<210> 557  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 557  
gccgaggaga 10

<210> 558  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 558  
gccgaggaga 10

<210> 559  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 559  
gagtcggaag 10

<210> 560  
<211> 10

<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 560  
gcagctgcgc

10

<210> 561  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 561  
tggttggtat

10

<210> 562  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 562  
gtgggcttca

10

<210> 563  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 563  
ggggcggagc

10

<210> 564  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 564  
 ggggcggagc 10

<210> 565  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 565  
 ggcgaggcaa 10

<210> 566  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 566  
 ggcgaggcaa 10

<210> 567  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 567  
 gtggcagcgg 10

<210> 568  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 568  
gtggcagcgg

10

<210> 569  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 569  
gcgggagcag

10

<210> 570  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 570  
gcgggagcag

10

<210> 571  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 571  
tcagtgggtgg

10

<210> 572  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 572  
gcggccgca

9

<210> 573  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 573  
gcggccgca

9

<210> 574  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 574  
gcggccgca

9

<210> 575  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 575  
gcggccgca

9

<210> 576  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 576  
gcggccgca

9

<210> 577  
<211> 9

<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 577  
gcagaagtc

9

<210> 578  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 578  
gcggccgca

9

<210> 579  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 579  
gcgtgggcg

9

<210> 580  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 580  
gcgtgggca

9

<210> 581  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 581  
gcagaagca

9

<210> 582  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 582  
gtgtgcgga

9

<210> 583  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 583  
tgtgcggcc

9

<210> 584  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 584  
ggggtggcgg

10

<210> 585  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 585 gccgaggaga	10
<210> 586 <211> 9 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 586 ggtggtggc	9
<210> 587 <211> 9 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 587 gtttgcgtc	9
<210> 588 <211> 9 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 588 gaagaggca	9
<210> 589 <211> 9 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 589 gcttgtgag	9



<210> 590  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 590  
gcttgtgag

9

<210> 591  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 591  
gtggggggtt

9

<210> 592  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 592  
ggggtggga

9

<210> 593  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 593  
gaggtagagg

10

<210> 594

<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 594  
gaggtagagg 10

<210> 595  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 595  
gtcgtgtggc 10

<210> 596  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 596  
gttgaggaag 10

<210> 597  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 597  
gttgaggaag 10

<210> 598  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 598  
gaggtggaag

10

<210> 599  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 599  
gaggtggaag

10

<210> 600  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 600  
taggtggtgg

10

<210> 601  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 601  
tgggaggagt

10

<210> 602  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 602  
ggaggagct

9

<210> 603  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 603  
ggagctgggg

10

<210> 604  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 604  
gggggaggag

10

<210> 605  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 605  
ggggaggaga

10

<210> 606  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 606  
ggaggagat

9

<210> 607  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 607  
gcagcagga

9

<210> 608  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 608  
gatgaggca

9

<210> 609  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 609  
ggggaggatc

10

<210> 610  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 610  
ggggaggatc

10

<210> 611

<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 611  
gaggcttggg 10

<210> 612  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 612  
gcggaggctt 10

<210> 613  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 613  
gcggaggctt 10

<210> 614  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 614  
gcggaggctt 10

<210> 615  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>		
<223>	Description of Artificial Sequence: example target DNA	
<400>	615	
	gcggaggctt	10
<210>	616	
<211>	9	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target DNA	
<400>	616	
	gcagccggg	9
<210>	617	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target DNA	
<400>	617	
	gcagaggctt	10
<210>	618	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target DNA	
<400>	618	
	tgggcaggcc	10
<210>	619	
<211>	9	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target	

DNA	
<400> 619 ggggaggat	9
<210> 620 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 620 ggggaaggct	10
<210> 621 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 621 gtgtgtgtgt	10
<210> 622 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 622 gcatacgtgg	10
<210> 623 <211> 9 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 623	



gcatacgtg

9

<210> 624

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 624

tacgtggggt

10

<210> 625

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 625

tacgtgggct

10

<210> 626

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 626

gagggtgttg

10

<210> 627

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 627

ggagcgggga

10

<210> 628

<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 628  
gggggttgagg 10

<210> 629  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 629  
ggtggttgagg 10

<210> 630  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 630  
tacgtggggtt 10

<210> 631  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 631  
gtagggggttg 10

<210> 632  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 632  
gaaggcggag 10

<210> 633  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 633  
gaaggcggag 10

<210> 634  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 634  
gggggttacg 10

<210> 635  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 635  
ggggggggggg 10

<210> 636  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target

DNA

<400> 636  
ggagtatgct

10

<210> 637  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 637  
tggttggtat

10

<210> 638  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 638  
tggttggta

9

<210> 639  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 639  
tggttggta

9

<210> 640  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 640

tggttggtta

9

<210> 641

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 641

gagtcggaa

9

<210> 642

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 642

gagtcggaa

9

<210> 643

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 643

gagtcggaa

9

<210> 644

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 644

gagtcggaa

9

<210> 645  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 645  
ggggaggatc

10

<210> 646  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 646  
Arg Ser Asp Ser Leu Thr Ser  
1 5

<210> 647  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 647  
Arg Ser Asp Ser Leu Thr Ser  
1 5

<210> 648  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 648  
Arg Ser Asp Ser Leu Thr Ser  
1 5

<210> 649  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 649

Arg Ser Asp Ser Leu Thr Ser  
1 5

<210> 650

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 650

Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 651

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 651

Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 652

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 652

Gln Arg Ala Ser Leu Ala Ser  
1 5

<210> 653

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 653  
Gln Arg Ala Ser Leu Ala Ser  
1 5

<210> 654  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 654  
Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 655  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 655  
Asn Arg Asp Thr Leu Ala Arg  
1 5

<210> 656  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 656  
Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 657  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 657  
Asn Arg Asp Thr Leu Ala Arg



1

5

<210> 658  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 658  
Gln Arg Ala His Leu Ala Arg  
1 5

<210> 659  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 659  
Gln Arg Ala His Leu Ala Arg  
1 5

<210> 660  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 660  
Asn Arg Asp His Leu Met Val  
1 5

<210> 661  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 661  
Asn Arg Asp His Leu Thr Thr  
1 5

<210> 662  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 662  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 663  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 663  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 664  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 664  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 665  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 665  
Asp Arg Ser Asn Leu Arg Thr  
1 5

<210> 666  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220> #

<223> Description of Artificial Sequence: example ZFP

<400> 666

Glu Arg Ser Asn Leu Arg Thr  
1 5

<210> 667

<211> 7

<212> PRT

<213> Artificial Sequence

<220> ..

<223> Description of Artificial Sequence: example ZFP

<400> 667

Asp Arg Ser Asn Leu Arg Thr  
1 5

<210> 668

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 668

Glu Arg Ser Asn Leu Arg Thr  
1 5

<210> 669

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 669

Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 670

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 670  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 671  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 671  
Arg Gly Asp Ala Leu Thr Val  
1 5

<210> 672  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 672  
Arg Gly Asp Ala Leu Thr Met  
1 5

<210> 673  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 673  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 674  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 674  
Arg Gly Asp Ala Leu Thr Val

1	5
---	---

<210> 675  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 675  
 Arg Gly Asp Ala Leu Thr Met  
   1                  5

<210> 676  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 676  
 Arg Ser Asp Ala Leu Thr Arg  
   1                  5

<210> 677  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 677  
 Arg Ser Asp Ala Leu Thr Arg  
   1                  5

<210> 678  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 678  
 Arg Ser Asp Ala Leu Thr Arg  
   1                  5

<210> 679

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 679

Arg Ser Asp His Leu Ala Arg  
1 5

<210> 680

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 680

Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 681

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 681

Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 682

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 682

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 683

<211> 7

<212> PRT

<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 683  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 684  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 684  
Gln Ser Ser Asp Leu Arg Arg  
1 5

<210> 685  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 685  
Gln Ser Ser Asp Leu Arg Arg  
1 5

<210> 686  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 686  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 687  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 687

Arg Ser Asp His Leu Ala Arg  
1 5

<210> 688  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 688  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 689  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 689  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 690  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 690  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 691  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 691  
Arg Ser Asp Glu Leu Thr Arg  
1 5



<210> 692  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 692  
Gln Ser Trp Glu Leu Thr Arg  
1 5

<210> 693  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 693  
Gln Ser Trp Glu Leu Thr Arg  
1 5

<210> 694  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 694  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 695  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 695  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 696  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 696

Arg Gly Asp Ala Leu Thr Arg  
1 5

<210> 697

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 697

Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 698

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 698

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 699

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 699

Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 700

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 700

Arg Gly Pro Asp Leu Ala Arg  
1 5

<210> 701

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 701

Arg Gly Pro Asp Leu Ala Arg  
1 5

<210> 702

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 702

Arg Gly Pro Asp Leu Ala Arg  
1 5

<210> 703

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 703

Arg Ser Asp Glu Leu Ala Arg  
1 5

<210> 704

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 704

Arg Ser Asp Glu Leu Thr Arg

1

5

<210> 705

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 705

Asp Arg Ser His Leu Thr Arg

1

5

<210> 706

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 706

Glu Arg Gly Thr Leu Ala Arg

1

5

<210> 707

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 707

Glu Arg Gly Thr Leu Ala Arg

1

5

<210> 708

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 708

Gln Thr Gly Glu Leu Arg Arg

1

5

<210> 709

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 709  
Gln Thr Ser Asp Leu Arg Arg  
1 5

<210> 710  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 710  
Gln Thr Ala Asp Leu Arg Arg  
1 5

<210> 711  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 711  
Gln Ser Ala Asp Leu Arg Arg  
1 5

<210> 712  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 712  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 713  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 713  
Gln Thr Gly Ser Leu Thr Arg  
1 5

<210> 714  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 714  
Gln Thr Ala Asp Leu Thr Arg  
1 5

<210> 715  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 715  
Gln Thr Gly Asp Leu Thr Arg  
1 5

<210> 716  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 716  
Gln Thr Ala Ser Leu Thr Arg  
1 5

<210> 717  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 717  
Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 718  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 718  
Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 719  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 719  
Glu Arg Ser Asp Leu Arg Arg  
1 5

<210> 720  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 720  
Asp Arg Ser Asp Leu Thr Arg  
1 5

<210> 721  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 721  
Asp Arg Ser Thr Leu Thr Arg  
1 5

<210> 722  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 722  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 723  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 723  
Asp Arg Ser Asp Leu Thr Arg  
1 5

<210> 724  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 724  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 725  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 725  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 726  
<211> 7



<212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 726  
 Glu Arg Gly Thr Leu Ala Arg  
   1                  5  
  
  
 <210> 727  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 727  
 Arg Ser Asp Ala Leu Thr Ser  
   1                  5  
  
  
 <210> 728  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 728  
 Lys Thr Ser His Leu Arg Ala  
   1                  5  
  
  
 <210> 729  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
 <400> 729  
 Arg Ser Asp His Leu Thr Arg  
   1                  5  
  
  
 <210> 730  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>

<223> Description of Artificial Sequence: example ZFP

<400> 730

Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 731

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 731

Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 732

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 732

Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 733

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 733

Asn Ser Ser Asp Leu Thr Arg  
1 5

<210> 734

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 734

Asn Ser Asp Ala Leu Thr Arg  
1 5

<210> 735  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 735  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 736  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 736  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 737  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 737  
Asp Cys Arg Asp Leu Ala Arg  
1 5

<210> 738  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 738  
Thr Ser Gly His Leu Thr Arg  
1 5

<210> 739  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 739  
Asp Ser Gly Ser Leu Thr Arg  
1 5

<210> 740  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 740  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 741  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 741  
Asp Cys Arg Asp Leu Ala Arg  
1 5

<210> 742  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 742  
Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 743  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 743

Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 744

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 744

Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 745

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 745

Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 746

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 746

Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 747

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 747  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 748  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 748  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 749  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 749  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 750  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 750  
Gln Ala Ser His Leu Thr Arg  
1 5

<210> 751  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 751  
Gln Ala Ser Val Leu Thr Arg  
1 5

<210> 752  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 752  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 753  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 753  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 754  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 754  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 755  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 755  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 756

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 756  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 757  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 757  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 758  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 758  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 759  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 759  
Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 760  
<211> 7  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 760  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 761  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 761  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 762  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 762  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 763  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 763  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 764  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 764  
Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 765  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 765  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 766  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 766  
Gln Ser Ala Thr Leu Ala Arg  
1 5

<210> 767  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 767  
Asp Arg Ser Ala Leu Thr Thr  
1 5

<210> 768  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 768  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 769  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 769  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 770  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 770  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 771  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 771  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 772  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 772  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 773  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 773

Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 774

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 774

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 775

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 775

Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 776

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 776

Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 777

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 777

Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 778

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 778

Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 779

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 779

Gln Ser Trp Glu Leu Thr Arg  
1 5

<210> 780

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 780

Gln Ser Trp Glu Leu Thr Arg  
1 5

<210> 781

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 781

Gln Ser Gly Ser Leu Thr Arg

1

5

<210> 782

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 782

Arg Ser Asp Ala Leu Thr Arg

1

5

<210> 783

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 783

Gln Ser Gly Ser Leu Thr Arg

1

5

<210> 784

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 784

Gln Ser Gly Ser Leu Thr Arg

1

5

<210> 785

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 785

Gln Ser Gly Ser Leu Thr Arg

1

5

<210> 786  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 786  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 787  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 787  
Asp Arg Ser His Leu Thr Arg  
1 5

<210> 788  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 788  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 789  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 789  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 790  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 790  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 791  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 791  
Asp Thr Ser His Leu Arg Arg  
1 5

<210> 792  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 792  
Glu Thr Ala Ser Leu Arg Arg  
1 5

<210> 793  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 793  
Gln Thr Gly Glu Leu Arg Arg  
1 5

<210> 794  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP



<400> 794  
Arg Thr Ser Asn Leu Arg Arg  
1 5

<210> 795  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 795  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 796  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 796  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 797  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 797  
Gln Ser Ala His Leu Ala Arg  
1 5

<210> 798  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 798  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 799  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 799  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 800  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 800  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 801  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 801  
Gln Ser Gly Asn Leu Ala Arg  
1 5

<210> 802  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 802  
Gln Ser Gly Asn Leu Ala Arg  
1 5

<210> 803  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 803  
Gln Ser Gly Asn Leu Ala Arg  
1 5

<210> 804  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 804  
Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 805  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 805  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 806  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 806  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 807  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 807  
Thr Thr Ser Glu Leu Arg Arg  
1 5

<210> 808  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 808  
Arg Thr Asp His Leu Arg Arg  
1 5

<210> 809  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 809  
Gln Thr Gly His Leu Arg Arg  
1 5

<210> 810  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 810  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 811  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 811

Thr Thr Ala Asn Leu Arg Arg  
1 5

<210> 812  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 812  
Gln Thr Gly His Leu Arg Arg  
1 5

<210> 813  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 813  
Gln Thr Gly Glu Leu Arg Arg  
1 5

<210> 814  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 814  
Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 815  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 815  
Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 816  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 816  
Arg Thr Asp His Leu Arg Lys  
1 5

<210> 817  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 817  
Thr Thr Gly Glu Leu Arg Arg  
1 5

<210> 818  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 818  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 819  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 819  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 820  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 820

Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 821

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 821

Arg Thr Asp His Leu Arg Arg  
1 5

<210> 822

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 822

Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 823

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 823

Asp Arg Ser His Leu Thr Arg  
1 5

<210> 824

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 824  
Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 825  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 825  
Asp Ser Gly His Leu Thr Arg  
1 5

<210> 826  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 826  
Arg Ser Asp Ser Leu Thr Arg  
1 5

<210> 827  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 827  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 828  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 828  
Arg Ser Asp Ser Leu Leu Arg



1

5

<210> 829

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 829

Arg Ser Asp His Leu Thr Arg

1

5

<210> 830

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 830

Asp Phe Ser His Leu Thr Arg

1

5

<210> 831

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 831

Asn Ser Asp Thr Leu Ala Arg

1

5

<210> 832

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 832

Arg Ser Asp His Leu Ser Arg

1

5

<210> 833

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 833  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 834  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 834  
Gln Arg Ala His Leu Ala Arg  
1 5

<210> 835  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 835  
Gln Ser Ser His Leu Thr Arg  
1 5

<210> 836  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 836  
Asn Ser Ser Ala Leu Thr Arg  
1 5

<210> 837  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 837  
Gln Ala Gly His Leu Thr Arg  
1 5

<210> 838  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 838  
Gln Ala Gly His Leu Thr Arg  
1 5

<210> 839  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 839  
Asp Lys Gly Asn Leu Gln Thr  
1 5

<210> 840  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 840  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 841  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 841  
Asp Ser Gly His Leu Ala Ser  
1 5

<210> 842  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 842  
Gln Arg Gly Ser Leu Ala Arg  
1 5

<210> 843  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 843  
Gln Asn Ser Ala Met Arg Lys  
1 5

<210> 844  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 844  
Gln Arg Gly Ser Leu Ala Arg  
1 5

<210> 845  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 845  
Gln Asn Ser Ala Met Arg Lys  
1 5

<210> 846  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 846  
Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 847  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 847  
Arg Ser Ala Asn Leu Thr Arg  
1 5

<210> 848  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 848  
Arg Ser Ala Asn Leu Thr Arg  
1 5

<210> 849  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 849  
Gln Ser Gly Asn Leu Ala Arg  
1 5

<210> 850  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 850

Thr Thr Ser Asn Leu Arg Arg  
1 5

<210> 851

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 851

Glu Arg Ser Thr Leu Thr Arg  
1 5

<210> 852

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 852

Glu Arg Ser Thr Leu Thr Arg  
1 5

<210> 853

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 853

Glu Arg Ser Thr Leu Thr Arg  
1 5

<210> 854

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 854

Glu Arg Ser Thr Leu Thr Arg  
1 5

<210> 855

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 855

Gln Ser Ala Thr Leu Ala Arg  
1 5

<210> 856

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 856

Gln Ser Ala Val Leu Ala Arg  
1 5

<210> 857

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 857

Arg Ser Asp His Leu Thr Thr  
1 5

<210> 858

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 858

Asp Arg Ser Ala Leu Ala Arg

1

5

<210> 859  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 859  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 860  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 860  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 861  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 861  
Arg Ser Asp Ala Leu Ala Ser  
1 5

<210> 862  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 862  
Arg Ser Asp Ala Leu Ala Ser  
1 5



<210> 863  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 863  
Gln Ser Ser Thr Leu Ala Arg  
1 5

<210> 864  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 864  
Gln Ser Ser Thr Leu Ala Arg  
1 5

<210> 865  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 865  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 866  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 866  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 867  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 867  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 868  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 868  
Asn Arg Asp Thr Leu Ala Arg  
1 5

<210> 869  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 869  
Asn Arg Asp Thr Leu Ala Arg  
1 5

<210> 870  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 870  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 871  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 871  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 872  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 872  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 873  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 873  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 874  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 874  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 875  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 875  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 876  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 876  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 877  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 877  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 878  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 878  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 879  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 879  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 880  
<211> 7

<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 880  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 881  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 881  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 882  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 882  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 883  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 883  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 884  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 884  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 885  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 885  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 886  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 886  
Arg Ser Asp Asn Leu Gln Arg  
1 5

<210> 887  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 887  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 888  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 888

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 889  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 889  
Gln Ser Ser His Leu Ala Arg  
1 5

<210> 890  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 890  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 891  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 891  
Gln Ser Gly Asn Leu Thr Arg  
1 5

<210> 892  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 892  
Gln Ser Ala Asn Leu Thr Arg  
1 5

<210> 893  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 893  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 894  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 894  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 895  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 895  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 896  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 896  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 897  
<211> 7  
<212> PRT



<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 897

Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 898

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 898

Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 899

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 899

Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 900

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 900

Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 901

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 901  
Gln Ser Ala Asn Leu Thr Arg  
1 5

<210> 902  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 902  
Gln Ser Gly Asn Leu Thr Arg  
1 5

<210> 903  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 903  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 904  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 904  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 905  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 905  
Gln Ser Ala Asn Leu Thr Arg

1

5

<210> 906

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 906

Gln Ser Ala Asn Leu Thr Arg

1

5

<210> 907

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 907

Gln Ser Gly Asn Leu Gln Arg

1

5

<210> 908

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 908

Gln Ser Ala Asn Leu Gln Arg

1

5

<210> 909

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 909

Gln Ser Ala Asn Leu Gln Arg

1

5

<210> 910

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 910  
Glu Arg His Ser Leu Gln Thr  
1 5

<210> 911  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 911  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 912  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 912  
Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 913  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 913  
Arg Ser Asp Asn Leu Gln Lys  
1 5

<210> 914  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 914  
Arg Ser Asp Asn Leu Gln Lys  
1 5

<210> 915  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 915  
Arg Ser Asp Asn Leu Gln Arg  
1 5

<210> 916  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 916  
Arg Ser Asp Asn Leu Gln Thr  
1 5

<210> 917  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 917  
Arg Ser Asp Asn Leu Gln Thr  
1 5

<210> 918  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 918

Arg Ser Asp Asn Leu Gln Thr  
1 5

<210> 919  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 919  
Arg Ser Asp Asn Leu Gln Thr  
1 5

<210> 920  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 920  
Arg Ser Asp Asn Leu Gln Thr  
1 5

<210> 921  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 921  
Arg Ser Asp Asn Leu Gln Thr  
1 5

<210> 922  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 922  
Gln Ser Gly Asn Leu Gln Arg  
1 5

<210> 923  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 923  
Gln Ser Ala Asn Leu Gln Arg  
1 5

<210> 924  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 924  
Gln Ser Ser Asn Leu Gln Arg  
1 5

<210> 925  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 925  
Asn Arg Asp Asn Leu Gln Thr  
1 5

<210> 926  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 926  
Asn Arg Asp Asn Leu Gln Arg  
1 5

<210> 927  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 927

Asn Arg Asp Asn Leu Gln Arg  
1 5

<210> 928

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 928

Gln Arg Ser Asn Leu Gln Arg  
1 5

<210> 929

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 929

Gln Ser Ser Asn Leu Gln Arg  
1 5

<210> 930

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 930

Gln Ser Ser Asn Leu Gln Arg  
1 5

<210> 931

<211> 7

<212> PRT

<213> Artificial Sequence

<220>



<223> Description of Artificial Sequence: example ZFP

<400> 931

Gln Arg Asp Asn Leu Gln Arg  
1 5

<210> 932

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 932

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 933

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 933

Gln Ser Gly Asn Leu Ser Arg  
1 5

<210> 934

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 934

Gln Ser Gly Asn Leu Ser Arg  
1 5

<210> 935

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 935

Gln Ser Gly His Leu Gln Arg

1

5

<210> 936  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 936  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 937  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 937  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 938  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 938  
Asn Ser Asp Val Leu Thr Ser  
1 5

<210> 939  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 939  
Asn Ser Asp Val Leu Thr Ser  
1 5

<210> 940

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: 'example ZFP

<400> 940  
Asn Ser Ala Asp Leu Thr Arg  
1 5

<210> 941  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 941  
Asn Ser Ser Ala Leu Thr Ser  
1 5

<210> 942  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 942  
Asp Ser Gly Ser Leu Thr Arg  
1 5

<210> 943  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 943  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 944  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 944  
Thr Ser Gly His Leu Thr Arg  
1 5

<210> 945  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 945  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 946  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 946  
Gln Ser Asp His Leu Thr Arg  
1 5

<210> 947  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 947  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 948  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 948  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 949  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 949  
Arg Ser Asp His Leu Thr Lys  
1 5

<210> 950  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 950  
Arg Ser Asp His Leu Thr Lys  
1 5

<210> 951  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 951  
Arg Ser Asp His Leu Thr Lys  
1 5

<210> 952  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 952  
Gln Ser Ser Ala Leu Thr Arg  
1 5

<210> 953  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 953  
Gln Ser Ser Val Leu Thr Arg  
1 5

<210> 954  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 954  
Asp Ser Ala Val Leu Thr Thr  
1 5

<210> 955  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 955  
Gln Ala Ser Val Leu Thr Arg  
1 5

<210> 956  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 956  
Gln Ala Ser His Leu Thr Arg  
1 5

<210> 957  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 957  
Asp Ser Gly His Leu Thr Arg  
1 5

<210> 958  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 958  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 959  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 959  
Thr Gly Gly Ser Leu Ala Arg  
1 5

<210> 960  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 960  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 961  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 961  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 962  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 962  
Thr Gly Gly Ser Leu Ala Arg  
1 5

<210> 963  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 963  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 964  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 964  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 965  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 965



Gln Ser Gly Asn Leu Gln Arg  
1 5

<210> 966  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 966  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 967  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 967  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 968  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 968  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 969  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 969  
Arg Ser Asp Glu Leu Thr Thr  
1 5

<210> 970  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 970  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 971  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 971  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 972  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 972  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 973  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 973  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 974  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 974

Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 975

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 975

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 976

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 976

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 977

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 977

Gln Ser Ser Asp Leu Gln Lys  
1 5

<210> 978

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 978  
Gln Ser Ser Asp Leu Gln Lys  
1 5

<210> 979  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 979  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 980  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 980  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 981  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 981  
Arg Ser Asp Ser Leu Ala Arg  
1 5

<210> 982  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 982  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 983  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 983  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 984  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 984  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 985  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 985  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 986  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 986  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 987

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 987  
Gln Ser Gly Asn Leu Thr Arg  
1 5

<210> 988  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 988  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 989  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 989  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 990  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 990  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 991  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 991  
Gln Ser Ala Asn Leu Gln Arg  
1 5

<210> 992  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 992  
Glu Arg His Ser Leu Gln Thr  
1 5

<210> 993  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 993  
Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 994  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 994  
Arg Ser Asp Ser Leu Ala Arg  
1 5

<210> 995  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 995  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 996  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 996  
Thr Ser Gly His Leu Gln Arg  
1 5

<210> 997  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 997  
Asp Ser, Ala His Leu Gln Arg  
1 5

<210> 998  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 998  
Arg Ser Asp Asn Leu Gln Arg  
1 5

<210> 999  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 999  
Thr Ser Ser His Leu Gln Lys  
1 5



<210> 1000  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1000  
Gln Ser Ser Asn Leu Gln Thr  
1 5

<210> 1001  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1001  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1002  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1002  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1003  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1003  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 1004  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1004

Gln Ser Ala Thr Leu Ala Arg  
1 5

<210> 1005

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1005

Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1006

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1006

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1007

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1007

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1008

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1008

Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1009

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1009

Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1010

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1010

Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1011

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1011

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1012

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1012

Gln Ser Gly His Leu Gln Arg

1

5

<210> 1013

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1013

Thr Ser Ser Glu Leu Gln Arg

1

5

<210> 1014

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1014

Gln Ser Gly His Leu Gln Arg

1

5

<210> 1015

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1015

Arg Ser Asp Asn Leu Ser Arg

1

5

<210> 1016

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1016

Gln Ser Gly His Leu Gln Arg

1

5

<210> 1017  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1017  
Gln Ser Gly Glu Leu Gln Arg  
1 5

<210> 1018  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1018  
Arg Ser Asp Asn Leu Gln Arg  
1 5

<210> 1019  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1019  
Arg Ser Ser Asn Leu Gln Arg  
1 5

<210> 1020  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1020  
Arg Ser Ser Asn Leu Gln Arg  
1 5

<210> 1021  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1021  
Thr Ser Ala Glu Leu Gln Arg  
1 5

<210> 1022  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1022  
Arg Ser Ser Asn Leu Gln Arg  
1 5

<210> 1023  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1023  
Arg Ser Ser Asn Leu Gln Arg  
1 5

<210> 1024  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1024  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1025  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1025  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1026  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1026  
Glu Ser Ser Asp Leu Gln Arg  
1 5

<210> 1027  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1027  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1028  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1028  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1029  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1029  
Arg Ser Ser Asn Leu Gln Arg  
1 5

<210> 1030  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1030  
Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 1031  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1031  
Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 1032  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1032  
Asp Lys Gly Asn Leu Gln Ser  
1 5

<210> 1033  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1033  
Asp Lys Gly Asn Leu Gln Ser  
1 5

<210> 1034  
<211> 7



<212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
 <400> 1034  
 Arg Ser Asp His Leu Thr Arg  
 1 5

<210> 1035  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
 <400> 1035  
 Arg Ser Asp His Leu Thr Arg  
 1 5

<210> 1036  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
 <400> 1036  
 Thr Ser Gly His Leu Thr Arg  
 1 5

<210> 1037  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
 <400> 1037  
 Arg Ser Asp Glu Leu Gln Arg  
 1 5

<210> 1038  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1038  
Asn Arg Asp Thr Leu Ala Arg  
1 5

<210> 1039  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1039  
Asn Arg Asp Thr Leu Ala Arg  
1 5

<210> 1040  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1040  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 1041  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1041  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1042  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1042

Asp Lys Ser His Leu Thr Arg  
1 5

<210> 1043  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1043  
Asp Ser Gly His Leu Thr Arg  
1 5

<210> 1044  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1044  
Thr Ser Gly His Leu Thr Arg  
1 5

<210> 1045  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1045  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1046  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1046  
Gln Ser Ala Thr Leu Ala Arg  
1 5

<210> 1047  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1047  
Arg Gly Asp Ala Leu Thr Arg  
1 5

<210> 1048  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1048  
Arg Gly Asp Ala Leu Thr Ser  
1 5 - - - - -

<210> 1049  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1049  
Arg Asp Gly Ser Leu Thr Ser  
1 5

<210> 1050  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1050  
Arg Asp Gly Ser Leu Thr Ser  
1 5

<210> 1051  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1051

Arg Ser Asp Glu Leu Arg Thr  
1 5

<210> 1052

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1052

Arg Leu Asp Gly Leu Arg Thr  
1 5

<210> 1053

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1053

Arg Gln Asp Thr Leu Val Gly  
1 5

<210> 1054

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1054

Arg Ser Asp Glu Leu Arg Thr  
1 5

<210> 1055

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1055  
Arg Ser Asp Asn Leu Gln Arg  
1 5

<210> 1056  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1056  
Gln Arg Ala Asp Leu Arg Arg  
1 5

<210> 1057  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1057  
Gln-Arg Ala Asp Leu Ala Arg  
1 5

<210> 1058  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1058  
Gln Arg Ala Thr Leu Arg Arg  
1 5

<210> 1059  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1059  
Gln Arg Ala Thr Leu Ala Arg

1

5

<210> 1060  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1060  
Arg Ser Asp Asn Leu Ser Arg  
1 5

<210> 1061  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1061  
Arg Ser Asp Asn Leu Ser Arg  
1 5

<210> 1062  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1062  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1063  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1063  
Arg Ser Asp Asn Leu Ala Ser  
1 5

<210> 1064

<211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example ZFP

<400> 1064  
 Gln Arg Ala His Leu Ala Arg  
 1 5

<210> 1065  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example ZFP

<400> 1065  
 Gln Arg Ala His Leu Ala Arg  
 1 5

<210> 1066  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example ZFP

<400> 1066  
 Gln Arg Ala His Leu Ala Arg  
 1 5

<210> 1067  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example ZFP

<400> 1067  
 Gln Arg Ala His Leu Ala Arg  
 1 5

<210> 1068  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence



<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1068  
Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 1069  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1069  
Asn Arg Asp Thr Leu Ala Arg  
1 5

<210> 1070  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1070  
Gln Ser Ala Asn Leu Ser Arg  
1 5

<210> 1071  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1071  
Gln Ser Ala Asn Leu Ser Arg  
1 5

<210> 1072  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1072  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1073  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1073  
Asn Arg Asp Asn Leu Ser Arg  
1 5

<210> 1074  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1074  
Gln Gln Ser Asn Leu Ser Arg  
1 5

<210> 1075  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1075  
Asn Arg Asp Asn Leu Ala Arg  
1 5

<210> 1076  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1076  
Asn Arg Asp Asn Leu Ala Arg  
1 5

<210> 1077  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1077  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 1078  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1078  
Gln Gln Ser Asn Leu Ala Arg  
1 5

<210> 1079  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1079  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1080  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1080  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1081  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1081  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1082  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1082  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1083  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1083  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 1084  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1084  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 1085  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1085

Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 1086

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1086

Asn Arg Ser His Leu Ala Arg  
1 5

<210> 1087

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1087

Gln Ala Ser His Leu Ala Arg  
1 5

<210> 1088

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1088

Gln Arg Gly Ala Leu Ala Arg  
1 5

<210> 1089

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1089

Arg Ser Asp His Leu Ser Arg

1

5

<210> 1090  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1090  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1091  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1091  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1092  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1092  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 1093  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1093  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1094  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1094  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1095  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1095  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1096  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1096  
Gln Ser Gly Asn Leu Arg Thr  
1 5

<210> 1097  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1097  
Gln Ser Gly Asn Leu Arg Thr  
1 5

<210> 1098  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1098

Gln Ser Gly Asn Leu Thr Arg  
1 5

<210> 1099

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1099

Gln Ser Gly Asn Leu Arg Arg  
1 5

<210> 1100

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1100

Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1101

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1101

Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1102

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP



<400> 1102  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1103  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1103  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1104  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1104  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1105  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1105  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1106  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1106  
Gln Ser Ala Asp Leu Ala Arg  
1 5

<210> 1107  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1107  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1108  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1108  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1109  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1109  
Ser Arg Asp His Leu Gln Ser  
1 5

<210> 1110  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1110  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1111  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1111  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1112  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1112  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1113  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1113  
Gln Ser Ala Asp Leu Ala Arg  
1 5

<210> 1114  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1114  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1115  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1115  
 Arg Ser Asp Ala Leu Thr Arg  
   1                  5  
  
 <210> 1116  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1116  
 Asp Arg Asp His Leu Gln Ser  
   1                  5  
  
 <210> 1117  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1117  
 Asp Arg Ser His Leu Gln Thr  
   1                  5  
  
 <210> 1118  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1118  
 Thr Ser Gly Asp Leu Ser Arg  
   1                  5  
  
 <210> 1119  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1119

Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1120  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1120  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1121  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1121  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1122  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1122  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1123  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1123  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1124  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1124  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1125  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1125  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1126  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1126  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1127  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1127  
Gln Ser Gly Asn Leu Ser Arg  
1 5

<210> 1128  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1128

Gln Ser Ala Asn Leu Gln Arg

1

5

<210> 1129

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1129

Gln Ser Gly His Leu Ser Arg

1

5

<210> 1130

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1130

Gln Ser Gly His Leu Ser Arg

1

5

<210> 1131

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1131

Gln Ser Gly His Leu Ser Arg

1

5

<210> 1132

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1132  
Gln Ser Gly His Leu Ser Arg  
1 5

<210> 1133  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1133  
Gln Ser Gly His Leu Ser Arg  
1 5

<210> 1134  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1134  
Gln Ser Gly His Leu Ser Arg  
1 5

<210> 1135  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1135  
Gln Ser Gly His Leu Ser Arg  
1 5

<210> 1136  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1136  
Gln Ser Gly His Leu Ser Arg



1

5

<210> 1137

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1137

Arg Ser Asp Asn Leu Ala Ser

1

5

<210> 1138

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1138

Arg Ser Asp His Leu Ser Arg

1

5

<210> 1139

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1139

Arg Ser Asp His Leu Ser Arg

1

5

<210> 1140

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1140

Asp Arg Ser His Leu Thr Arg

1

5

<210> 1141

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1141  
Asp Arg Asp His Leu Thr Arg  
1 5

<210> 1142  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1142  
Asp Arg Asp His Leu Thr Arg  
1 5

<210> 1143  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1143  
Gln Ser Asp Val Leu Thr Arg  
1 5

<210> 1144  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1144  
Gln Ser Asp Val Leu Thr Arg  
1 5

<210> 1145  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1145  
Asn Ser Asp Asp Leu Thr Arg  
1 5

<210> 1146  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1146  
Asn Ser Asp Asp Leu Thr Arg  
1 5

<210> 1147  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1147  
Thr Ser Gly His Leu Thr Arg  
1 5

<210> 1148  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1148  
Asp Cys Arg Asp Leu Thr Thr  
1 5

<210> 1149  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1149

Thr Leu His Thr Leu Thr Arg  
1 5

<210> 1150  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1150  
Gln Ser Asp His Leu Thr Arg  
1 5

<210> 1151  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1151  
Thr Ser Gly Ala Leu Thr Arg  
1 5

<210> 1152  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1152  
Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 1153  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1153  
Gln Arg Ser Asn Leu Val Arg  
1 5

<210> 1154  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1154  
Asp Ser Asp His Leu Ser Arg  
1 5

<210> 1155  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1155  
Asp Ser Asp His Leu Ser Arg  
1 5

<210> 1156  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1156  
Asp Ser Ser His Leu Ser Arg  
1 5

<210> 1157  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1157  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1158  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1158

Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1159

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1159

Arg Ser Asp Ser Leu Thr Arg  
1 5

<210> 1160

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1160

Gln Ala Ser His Leu Thr Arg  
1 5

<210> 1161

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1161

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1162

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1162

Arg Ser Asp His Leu Gln Arg  
1 5

<210> 1163

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1163

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1164

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1164

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1165

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1165

Gln Ser Ala Ser Leu Thr Arg  
1 5

<210> 1166

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1166

Gln Ser Gly Ser Leu Thr Arg

1

5

<210> 1167

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1167

Gln Ser Ala Ser Leu Thr Arg

1

5

<210> 1168

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1168

Gln Ser Ala Ser Leu Thr Arg

1

5

<210> 1169

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1169

Thr Ser Ser Glu Leu Gln Arg

1

5

<210> 1170

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1170

Arg Ser Asp Asn Leu Thr Arg

1

5

<210> 1171



<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1171  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 1172  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1172  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 1173  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1173  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 1174  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1174  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1175  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1175  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1176  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1176  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1177  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1177  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1178  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1178  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1179  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1179  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1180  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1180  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 1181  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1181  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 1182  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1182  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1183  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1183  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1184  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1184  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 1185  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1185 - - - - -  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 1186  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1186  
Gln Ser Gly Asp Leu Arg Thr  
1 5

<210> 1187  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1187  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1188  
<211> 7

<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1188  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1189  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1189  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1190  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1190  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1191  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1191  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1192  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1192

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1193

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1193

Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1194

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1194

Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1195

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1195

Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1196

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1196

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1197

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1197

Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 1198

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1198

Asp Arg Ser His Leu Gln Thr  
1 5

<210> 1199

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1199

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1200

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1200

Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 1201  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1201  
Thr Ser Gly His Leu Ser Arg  
1 5

<210> 1202  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1202  
Thr Ser Ser Ala Leu Ser Arg  
1 5

<210> 1203  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1203  
Gln Ser Gly Asn Leu Ser Arg  
1 5

<210> 1204  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1204  
Asp Thr Asp His Leu Arg Arg  
1 5

<210> 1205  
<211> 7  
<212> PRT



<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1205

Asp Arg Ser His Leu Ala Arg

1

5

<210> 1206

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1206

Arg Ser Asp Ala Leu Ala Arg

1

5

<210> 1207

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1207

Arg Ser Asp His Leu Ser Arg

1

5

<210> 1208

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1208

Arg Ser Asp Asn Leu Ala Arg

1

5

<210> 1209

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1209  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1210  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1210  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 1211  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1211  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 1212  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1212  
Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 1213  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1213  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1214  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1214  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1215  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1215  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1216  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1216  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1217  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1217  
Gln Ser Gly His Leu Ser Arg  
1 5

<210> 1218

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1218  
Gln Ser Gly His Leu Ser Arg  
1 5

<210> 1219  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1219  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1220  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1220  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1221  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1221  
Gln Ser Gly His Leu Ser Arg  
1 5

<210> 1222  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1222  
Gln Ser Gly Glu Leu Ser Arg  
1' 5

<210> 1223  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1223  
Thr Ser Ala Asn Leu Ser Arg  
1 5

<210> 1224  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1224  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1225  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1225  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1226  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1226  
Arg Ser Ser Asn Leu Ser Arg  
1 5

<210> 1227  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1227  
Arg Ser Asp Glu Leu Ser Arg  
1 5

<210> 1228  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1228  
Arg Ser Asp Glu Leu Ser Arg  
1 5

<210> 1229  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1229  
Arg Ser Ala Asp Leu Ser Arg  
1 5

<210> 1230  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1230  
Arg Ser Asp Asp Leu Arg Arg  
1 5

<210> 1231  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1231  
Gln Ser Gly Glu Leu Ser Arg  
1 5

<210> 1232  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1232  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1233  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1233  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1234  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1234  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1235  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1235

Arg Ser Asp His Leu Thr Arg

1

5

<210> 1236

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1236

Arg Ser Asp Ser Leu Leu Arg

1

5

<210> 1237

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1237

Gln Ser Asp Asp Leu Thr Arg

1

5

<210> 1238

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1238

Gln Ser Gly Asp Leu Thr Arg

1

5

<210> 1239

<211> 7

<212> PRT

<213> Artificial Sequence

<220>



<223> Description of Artificial Sequence: example ZFP

<400> 1239

Asp Lys Gly Asn Leu Gln Thr  
1 5

<210> 1240

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1240

Asp Lys Gly Asn Leu Gln Thr  
1 5

<210> 1241

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1241

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1242

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1242

Gln Ser Asp His Leu Thr Arg  
1 5

<210> 1243

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1243

Thr Ser Gly His Leu Thr Arg

1

5

<210> 1244

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1244

Thr Ser Gly His Leu Thr Arg

1

5

<210> 1245

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1245

Asp Lys Gly Asn Leu Gln Thr

1

5

<210> 1246

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1246

Gln Ser Ala Ser Leu Thr Arg

1

5

<210> 1247

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1247

Gln Ser Gly Asn Leu Thr Arg

1

5

<210> 1248  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1248  
Gln Ser Gly Asn Leu Thr Arg  
1 5

<210> 1249  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1249  
Arg Ser Asp His Leu Ser Lys  
1 5

<210> 1250  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1250  
Arg Ser Asp His Leu Ser Lys  
1 5

<210> 1251  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1251  
Gln Ser Asp His Leu Thr Arg  
1 5

<210> 1252  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1252  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1253  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1253  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1254  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1254  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1255  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1255  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1256  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1256  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1257  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1257  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1258  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1258  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1259  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1259  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1260  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1260  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1261  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1261  
gaggaggtga 10

<210> 1262  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1262  
gcggaggacc 10

<210> 1263  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1263  
gaggaggtga 10

<210> 1264  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1264  
gaggaggtga 10

<210> 1265  
<211> 10

<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1265  
gcggaggcgc

10

<210> 1266  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1266  
gcggaggacc

10

<210> 1267  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1267  
gacgtggagg

10

<210> 1268  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1268  
aaggagtcgc

10

<210> 1269  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>		
<223> Description of Artificial Sequence: example target DNA		
<400> 1269		
gtggaggcca		10
<210> 1270		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target DNA		
<400> 1270		
atggattcag		10
<210> 1271		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target DNA		
<400> 1271		
gggggagctg		10
<210> 1272		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target DNA		
<400> 1272		
gggggagctg		10
<210> 1273		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target DNA		



<400> 1273  
gaggtgggct 10

<210> 1274  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1274  
tcagtgggtat 10

<210> 1275  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1275  
atggattcag 10

<210> 1276  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1276  
tcagtgggtat 10

<210> 1277  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1277  
gcgggcgggc 10

<210> 1278  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1278  
caggctgtgg 10

<210> 1279  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1279  
gcagaggctg 10

<210> 1280  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1280  
tcagtggatat 10

<210> 1281  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1281  
tcagtggatat 10

<210> 1282  
<211> 10

<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1282  
tcggacgtgg 10

<210> 1283  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1283  
ggggaggccc 10

<210> 1284  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1284  
gcggcgtcgg 10

<210> 1285  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1285  
ggggccctgg 10

<210> 1286  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1286  
gaatgggcag

10

<210> 1287  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1287  
gcgggtgtct

10

<210> 1288  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1288  
ggggaggccc

10

<210> 1289  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1289  
agagcggcac

10

<210> 1290  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1290  
gagtcggacg 10

<210> 1291  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1291  
gcagcggctc 10

<210> 1292  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1292  
tcggacgagt 10

<210> 1293  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1293  
gagatggatc 10

<210> 1294  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1294  
gcagcggctc 10

<210> 1295  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1295  
gacgagtcgg 10

<210> 1296  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1296  
gctgcaggag 10

<210> 1297  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1297  
gagatggatc 10

<210> 1298  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1298  
agagcggcac 10

<210> 1299  
<211> 10

<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1299  
gcgggggtccg

10

<210> 1300  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1300  
agagcggcac

10

<210> 1301  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1301  
gactaggacc

10

<210> 1302  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1302  
gctgcaggag

10

<210> 1303  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1303  
tagggagcgt

10

<210> 1304  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1304  
tagggagcgt

10

<210> 1305  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1305  
gaatgggcag

10

<210> 1306  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1306  
gactaggacc

10

<210> 1307  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA



<400> 1307  
ggggccctgg

10

<210> 1308  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1308  
gcagaggctg

10

<210> 1309  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1309  
gcagcggtag

10

<210> 1310  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1310  
gccgaggccg

10

<210> 1311  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1311  
gccgaggccg

10

<210> 1312  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1312  
gcagcggtag

10

<210> 1313  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1313  
gcagaggctg

10

<210> 1314  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1314  
ggggccctgg

10

<210> 1315  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1315  
gagtgtgagg

10

<210> 1316  
<211> 10

<212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence: example target  
 DNA  
 <400> 1316  
 ttggcagcct 10

<210> 1317  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence: example target  
 DNA  
 <400> 1317  
 gggggagctg 10

<210> 1318  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence: example target  
 DNA  
 <400> 1318  
 ttggcagcct 10

<210> 1319  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence: example target  
 DNA  
 <400> 1319  
 gactaggacc 10

<210> 1320  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 1320		
gagatggatc		10
<210> 1321		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 1321		
gctgcaggag		10
<210> 1322		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 1322		
gcagcggtag		10
<210> 1323		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 1323		
gagtgtgagg		10
<210> 1324		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		

<400> 1324  
gagtgtgagg

10

<210> 1325  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1325  
ggagagtcgg

10

<210> 1326  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1326  
ggagagtcgg

10

<210> 1327  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1327  
gctgcaggag

10

<210> 1328  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1328  
gagatggatc

10

<210> 1329  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1329  
aagtagggtg 10

<210> 1330  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1330  
acggtagtta 10

<210> 1331  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1331  
acggtagtta 10

<210> 1332  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1332  
gtgtgctggt 10

<210> 1333

<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1333  
gtgtgctggt

10

<210> 1334  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1334  
gtgtgctggt

10

<210> 1335  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1335  
gtgtgctggt

10

<210> 1336  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1336  
tcagtggat

10

<210> 1337  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>		
<223>	Description of Artificial Sequence: example target DNA	
<400>	1337 atggattcag	10
<210>	1338	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target DNA	
<400>	1338 ctggtatgtc	10
<210>	1339	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target DNA	
<400>	1339 aagtagggtg	10
<210>	1340	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target DNA	
<400>	1340 acggtagtta	10
<210>	1341	
<211>	10	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target DNA	



<400> 1341  
ctggtatgtc

10

<210> 1342  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1342  
ctggtatgtc

10

<210> 1343  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1343  
ctggtatgtc

10

<210> 1344  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1344  
gcagcggtag

10

<210> 1345  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1345  
gggggagctg

10

<210> 1346  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1346  
gctgcaggag

10

<210> 1347  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1347  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1348  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1348  
Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 1349  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1349  
Arg Ser Asp Ser Leu Thr Arg  
1 5

<210> 1350

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1350  
Arg Ser Asp Ser Leu Thr Arg  
1 5

<210> 1351  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1351  
Arg Ser Asp Asp Leu Thr Arg  
1 5

<210> 1352  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1352  
Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 1353  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1353  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1354  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1354  
Arg Ser Ala Asp Leu Arg Thr  
1 5

<210> 1355  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1355  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 1356  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1356  
Gln Ser His Asp Leu Thr Lys  
1 5

<210> 1357  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1357  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1358  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1358  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1359  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1359  
Asp Arg Ser His Leu Thr Arg  
1 5

<210> 1360  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1360  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 1361  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1361  
Gln Ser His Asp Leu Thr Lys  
1 5

<210> 1362  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1362  
Gln Ser Ser Ser Leu Val Arg  
1 5

<210> 1363  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1363  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1364  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1364  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 1365  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1365  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1366  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1366  
Gln Ser Ser Ser Leu Val Arg  
1 5

<210> 1367  
<211> 7

<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1367  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 1368  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1368  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1369  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1369  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 1370  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1370  
Arg Ser Asp Glu Leu Arg Thr  
1 5

<210> 1371  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1371

Arg Ser Asp Ala Leu Arg Glu  
1 5

<210> 1372

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1372

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1373

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1373

Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 1374

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1374

Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 1375

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1375

Gln Thr Gly Ser Leu Thr Arg



1

5

<210> 1376

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1376

Asp Arg Ser Asn Leu Thr Arg

1

5

<210> 1377

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1377

Gln Ser Ser Asp Leu Gln Arg

1

5

<210> 1378

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1378

Arg Ser Asp Asn Leu Ala Arg

1

5

<210> 1379

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1379

Gln Ser Ser Asn Leu Gln Arg

1

5

<210> 1380

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1380  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1381  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1381  
Arg Ser Asp Glu Leu Arg Thr  
1 5

<210> 1382  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1382  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 1383  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1383  
Gln Ser Ser Asn Leu Gln Arg  
1 5

<210> 1384  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1384  
Gln Thr Gly Ser Leu Thr Arg  
1 5

<210> 1385  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1385  
Glu Arg Gly Thr Leu Thr Thr  
1 5

<210> 1386  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1386  
Gln Thr Gly Ser Leu Thr Arg  
1 5

<210> 1387  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1387  
Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 1388  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1388  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 1389  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1389  
Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1390  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1390  
Arg Ser Asp Asp Leu Thr Arg  
1 5

<210> 1391  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1391  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1392  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1392  
Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 1393  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1393  
Arg Ser Asp Ala Leu Arg Glu  
1 5

<210> 1394  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1394  
Thr Ser Gly Glu Leu Val Arg - - -  
1 5

<210> 1395  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1395  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 1396  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1396  
Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 1397  
<211> 7

<212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1397  
 Glu Arg Gly Thr Leu Ala Arg  
   1                  5  
  
  
 <210> 1398  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1398  
 Gln Ser Gly Ala Leu Thr Arg  
   1                  5  
  
  
 <210> 1399  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1399  
 Thr Ser Gly Glu Leu Val Arg  
   1                  5  
  
  
 <210> 1400  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1400  
 Arg Ser Asp Ala Leu Arg Glu  
   1                  5  
  
  
 <210> 1401  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>

<223> Description of Artificial Sequence: example ZFP

<400> 1401

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1402

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1402

Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 1403

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1403

Gln Ser Ser Asp Leu Ala Arg  
1 5

<210> 1404

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1404

Glu Arg Gly Thr Leu Ala Arg  
1 5

<210> 1405

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1405

Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 1406  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1406  
Gln Ser Ser Asn Leu Gln Arg  
1 5

<210> 1407  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1407  
Gln Ser Gly His Leu Ala Arg  
1 5

<210> 1408  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1408  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 1409  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1409  
Arg Ser Asp Asn Leu Ala Arg  
1 5



<210> 1410  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1410  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1411  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1411  
Arg Ser Asp Glu Leu Arg Thr  
1 5

<210> 1412  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1412  
Arg Ser Asp Asp Leu Thr Lys  
1 5

<210> 1413  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1413  
Arg Ser Ala His Leu Ala Arg  
1 5

<210> 1414  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1414  
Gln Ser Ser Asn Leu Gln Arg  
1 5

<210> 1415  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1415  
Gln Ser Ser His Leu Thr Arg  
1 5

<210> 1416  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1416  
Gln Ser Ser Ala Leu Thr Arg  
1 5

<210> 1417  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1417  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 1418  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1418  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1419  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1419  
Arg Ser Asp His Leu Thr Lys  
1 5

<210> 1420  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1420  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1421  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1421  
Arg Ser Asp His Leu Thr Lys  
1 5

<210> 1422  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1422  
Gln Ser Ser Ser Leu Val Arg  
1 5

<210> 1423  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1423  
Gln Ser Gly Ser Leu Thr Thr  
1 5

<210> 1424  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1424  
Gln Arg Ser His Leu Thr Thr  
1 5

<210> 1425  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1425  
Thr Ser Gly His Leu Val Arg  
1 5

<210> 1426  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1426  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 1427

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1427  
Gln Arg Ser His Leu Thr Thr  
1 5

<210> 1428  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1428  
Met Ser His His Leu Lys Glu  
1 5

<210> 1429  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1429  
Met Ser His His Leu Lys Glu  
1 5

<210> 1430  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1430  
Gln Ser Gly Ala Leu Thr Arg  
1 5

<210> 1431  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1431  
Gln Ser Ser Asp Leu Ala Arg  
1 5

<210> 1432  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1432  
Arg Ser Ala His Leu Ala Arg  
1 5

<210> 1433  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1433  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1434  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1434  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1435  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1435

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1436

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1436

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1437

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1437

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1438

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1438

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1439

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1439

Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1440  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1440  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1441  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1441  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1442  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1442  
Thr Ser Gly Asn Leu Val Arg  
1 5

<210> 1443  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1443  
Gln Arg Ala His Leu Glu Arg  
1 5

<210> 1444  
<211> 7  
<212> PRT



<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1444

Gln Ser Gly His Leu Gln Arg

1 5

<210> 1445

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1445

Arg Ser Asp Ala Leu Ala Arg

1 5

<210> 1446

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1446

Arg Ser Asp Ala Leu Ser Arg

1 5

<210> 1447

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1447

Gln Gln Ser Asn Leu Val Arg

1 5

<210> 1448

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1448

Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1449

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1449

Glu Arg Gly His Leu Thr Arg  
1 5

<210> 1450

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1450

Gln Ser Ser Asp Leu Thr Arg  
1 5

<210> 1451

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1451

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1452

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1452

Arg Ser Asp Ala Leu Ser Arg

1

5

<210> 1453  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1453  
Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1454  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1454  
Asp Arg Ser Asn Leu Thr Arg  
1 5

<210> 1455  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1455  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1456  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1456  
Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1457

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1457  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 1458  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1458  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1459  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1459  
Gln Ser Ser His Leu Ala Arg  
1 5

<210> 1460  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1460  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1461  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1461  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1462  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1462  
Arg Ser Asp Glu Leu Arg Thr  
1 5

<210> 1463  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1463  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1464  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1464  
Asp Arg Ser Asn Leu Thr Arg  
1 5

<210> 1465  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1465  
Arg Arg Asp Val Leu Met Asn  
1 5

<210> 1466  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1466  
Arg Ser Asp Asp Leu Asn Arg  
1 5

<210> 1467  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1467  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1468  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1468  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1469  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1469  
Arg Ser Asp Ala Leu Arg Gln  
1 5

<210> 1470  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1470  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1471  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1471  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1472  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1472  
Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1473  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1473  
Arg Ser Asp Asn Leu Thr Lys  
1 5

<210> 1474  
<211> 7

<212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1474  
 Gln Ser Gly Ser Leu Thr Arg  
   1                  5  
  
  
 <210> 1475  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1475  
 Gln Ser Gly His Leu Thr Arg  
   1                  5  
  
  
 <210> 1476  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
 <400> 1476  
 Gln Ser Gly His Leu Thr Arg  
   1                  5  
  
  
 <210> 1477  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1477  
 Arg Ser Asp His Leu Thr Thr  
   1                  5  
  
  
 <210> 1478  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>



<223> Description of Artificial Sequence: example ZFP

<400> 1478

Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1479

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1479

Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 1480

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1480

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1481

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1481

Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1482

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1482

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1483

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1483

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1484

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1484

Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1485

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1485

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1486

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1486

Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 1487  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1487  
Gln Ser Ser His Leu Ala Ser  
1 5

<210> 1488  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1488  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1489  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1489  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1490  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1490  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1491  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1491

Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1492

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1492

Arg Ser Asp Ala Leu Arg Gln  
1 5

<210> 1493

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1493

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1494

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1494

Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1495

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1495  
Thr Ser Asp His Leu Ala Ser  
1 5

<210> 1496  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1496  
Met Ser His His Leu Lys Thr  
1 5

<210> 1497  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1497  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1498  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1498  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1499  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1499  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1500  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1500  
Arg Arg Asp Val Leu Met Asn  
1 5

<210> 1501  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1501  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1502  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1502  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 1503  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1503  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 1504

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1504  
Glu Arg Gln His Leu Ala Thr  
1 5

<210> 1505  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1505  
Glu Arg Gln His Leu Ala Thr  
1 5

<210> 1506  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1506  
Asp Arg Ser His Leu Arg Thr  
1 5

<210> 1507  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1507  
Asp Arg Ser His Leu Arg Thr  
1 5

<210> 1508  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1508.  
Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1509  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1509  
Gln Gln Ser Asn Leu Val Arg  
1 5

<210> 1510  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1510  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 1511  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1511  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1512  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP



<400> 1512  
Gln Ser Ser Ser Leu Val Arg  
1 5

<210> 1513  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1513  
Gln Ser Ser Ser Leu Val Arg  
1 5

<210> 1514  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1514  
Gln Ser Ser Ser Leu Val Arg  
1 5

<210> 1515  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1515  
Gln Arg Ser Ala Leu Ala Arg  
1 5

<210> 1516  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1516  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1517  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1517  
Gln Arg Ala His Leu Glu Arg  
1 5

<210> 1518  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1518  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1519  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1519  
Arg Ser Asp Asn Leu Val Arg  
1 5

<210> 1520  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1520  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1521  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1521

Arg Ser Asp Asn Leu Val Arg  
1 5

<210> 1522

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1522

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1523

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1523

Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 1524

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1524

Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 1525

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1525

Asp Arg Ser Asn Leu Thr Arg  
1 5

<210> 1526

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1526

Arg Ser Asp Asn Leu Thr Gln  
1 5

<210> 1527

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1527

Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1528

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1528

Arg Ser Asp Ala Leu Thr Gln  
1 5

<210> 1529

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1529

Arg Ser Asp His Leu Ser Arg

1

5

<210> 1530  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1530  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1531  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1531  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1532  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1532  
Gln Ser His Asp Leu Thr Lys  
1 5

<210> 1533  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1533  
Arg Ser Asp Ala Leu Thr Gln  
1 5

<210> 1534  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1534  
Gln Ser His Asp Leu Thr Lys  
1 5

<210> 1535  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1535  
Arg Ser Asp Asp Leu Arg Arg  
1 5

<210> 1536  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1536  
Arg Ser Asp Asn Leu Arg Glu  
1 5

<210> 1537  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1537  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1538  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1538  
Gln Ser Gly Ser Leu Arg Thr  
1 5

<210> 1539  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1539  
Gln Ser Gly Asp Leu Arg Thr  
1 5

<210> 1540  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1540  
Arg Ser Asp Glu Leu Arg Thr  
1 5

<210> 1541  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1541  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1542  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1542  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 1543  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1543  
Arg Ser Asp His Leu Thr Gln  
1 5

<210> 1544  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1544  
Gln Ser Gly Asn Leu Thr Arg  
1 5

<210> 1545  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1545  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 1546  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1546  
Arg Ser Asp His Leu Ser Arg  
1 5



<210> 1547  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1547  
Gln Ser Gly His Leu Asn Gln  
1 5

<210> 1548  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1548  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1549  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1549  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1550  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1550  
Arg Ser Asp Glu Leu Arg Thr  
1 5

<210> 1551  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1551

Arg Leu His Asn Leu Gln Arg  
1 5

<210> 1552

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1552

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1553

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1553

Asp Arg Ser Asn Leu Thr Arg  
1 5

<210> 1554

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1554

Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1555

<211> 7

<212> PRT

<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1555  
Arg Leu His Asn Leu Gln Arg  
1 5

<210> 1556  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1556  
Lys Asn Trp Lys Leu Gln Ala  
1 5

<210> 1557  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1557  
Arg Ser Asp Asp Leu Arg Arg  
1 5

<210> 1558  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1558  
Ala Ser Ser Arg Leu Ala Thr  
1 5

<210> 1559  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1559

Asp Arg Ser Asn Leu Thr Arg  
1 5

<210> 1560  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1560  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1561  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1561  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1562  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1562  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1563  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1563  
Gln Ser Ser Asn Leu Val Arg  
1 5

<210> 1564  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1564  
Asp Arg Ser Asn Leu Thr Arg  
1 5

<210> 1565  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1565  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1566  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1566  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1567  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1567  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1568  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1568

Glu Arg Gly Thr Leu Ala Arg

1 5

<210> 1569

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1569

Asp Arg Ser Asp Leu Thr Arg

1 5

<210> 1570

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1570

Gln Ser Gly Asp Leu Thr Arg

1 5

<210> 1571

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1571

Gln Ser Gly Ser Leu Thr Arg

1 5

<210> 1572

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1572  
Arg Ser Asp His Leu Thr Ala  
1 5

<210> 1573  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1573  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1574  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1574  
Arg Ser Asp Ser Leu Thr Lys  
1 5

<210> 1575  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1575  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1576  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1576  
Arg Ser Asp Ser Leu Thr Lys

1

5

<210> 1577  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1577  
Asp Arg Ser Asn Leu Thr Arg  
1 5

<210> 1578  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1578  
Arg Ser Asp Asn Leu Gln Arg  
1 5

<210> 1579  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1579  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1580  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1580  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1581



<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1581  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1582  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1582  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1583  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1583  
Gln Arg Ala His Leu Ala Arg  
1 5

<210> 1584  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1584  
Gln Arg Ala His Leu Ala Arg  
1 5

<210> 1585  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1585  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1586  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1586  
Arg Ser Asp Asn Leu Gln Arg  
1 5

<210> 1587  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1587  
Arg Ser Asp Asn Leu Thr Gln  
1 5

<210> 1588  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1588  
Arg Ser Asp Thr Leu Thr Gln  
1 5

<210> 1589  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1589  
Arg Ser Asp Thr Leu Thr Gln  
1 5

<210> 1590  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1590  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1591  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1591  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1592  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1592  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1593  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1593  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1594  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1594  
Gln Ser Gly Asp Leu Arg Thr  
1 5

<210> 1595  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1595  
Arg Ser Asp Ala Leu Thr Gln  
1 5

<210> 1596  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1596  
Arg Ser Asp Ala Leu Arg Glu  
1 5

<210> 1597  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1597  
Arg Ser Asp Asn Leu Thr Gln  
1 5

<210> 1598  
<211> 7

<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1598  
Arg Ser Asp Thr Leu Thr Gln  
1 5

<210> 1599  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1599  
Arg Ser Asp Ala Leu Arg Glu  
1 5

<210> 1600  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1600  
Arg Ser Asp Ala Leu Arg Glu  
1 5

<210> 1601  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1601  
Arg Ser Asp Ala Leu Arg Glu  
1 5

<210> 1602  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP  
<400> 1602  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1603  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1603  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1604  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1604  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1605  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1605  
aaggtggcag

10

<210> 1606  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1606

ttggctgggc 10

<210> 1607  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1607  
gtggctgcag 10

<210> 1608  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1608  
gtggctgcag 10

<210> 1609  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1609  
ttggctgggc 10

<210> 1610  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1610  
ttggctgggc 10

<210> 1611

<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1611  
gaggaggatg

10

<210> 1612  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1612  
aaggggggg

9

<210> 1613  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1613  
aaggggggg

9

<210> 1614  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1614  
aaggggggg

9

<210> 1615  
<211> 9  
<212> DNA  
<213> Artificial Sequence



<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1615  
aagggggggg

9

<210> 1616  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1616  
aagggggggg

9

<210> 1617  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1617  
acggatgtct

10

<210> 1618  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1618  
ttgtagggga

10

<210> 1619  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1619 ttgtagggga	10
<210> 1620 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1620 cggggagagt	10
<210> 1621 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1621 ttggtggaag	10
<210> 1622 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1622 ttggtggaag	10
<210> 1623 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1623 gttgtggaat	10

<210> 1624  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1624  
taggaggctg 10

<210> 1625  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1625  
taggaggctg 10

<210> 1626  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1626  
taggcataaa 10

<210> 1627  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1627  
taggcataaa 10

<210> 1628

<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1628  
taggcataaa 10

<210> 1629  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1629  
taggcataaa 10

<210> 1630  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1630  
gagggagttc 10

<210> 1631  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1631  
gagggagttc 10

<210> 1632  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1632  
 gcggaggcgc 10

<210> 1633  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1633  
 aaggcggaga 10

<210> 1634  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1634  
 aaggcggaga 10

<210> 1635  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1635  
 aaggcggaga 10

<210> 1636  
 <211> 10  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 1636  
aaggcggaga

10

<210> 1637  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1637  
gggggcgagc

10

<210> 1638  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1638  
tgagcggcgg

10

<210> 1639  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1639  
tgagcggcgg

10

<210> 1640  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1640  
gcggcggcag

10

<210> 1641  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1641  
gcggcggcag 10

<210> 1642  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1642  
gcagcggagc 10

<210> 1643  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1643  
gcagcggagc 10

<210> 1644  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1644  
aaggtggcag 10

<210> 1645

<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1645  
ggggtggggc 10

<210> 1646  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1646  
ggggtggggc 10

<210> 1647  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1647  
gagtcggaa 9

<210> 1648  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1648  
gagtcggaa 9

<210> 1649  
<211> 9  
<212> DNA  
<213> Artificial Sequence



<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1649  
gagtcggaa

9

<210> 1650  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1650  
gagtcggaa

9

<210> 1651  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1651  
ggtgaggagt

10

<210> 1652  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1652  
ggtgaggagt

10

<210> 1653  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target

DNA	
<400> 1653 tgggtcgcgg	10
<210> 1654 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1654 tgggtcgcgg	10
<210> 1655 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1655 ttgggagcac	10
<210> 1656 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1656 ttgggagcac	10
<210> 1657 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1657 ttgggagcac	10

<210> 1658  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1658  
ggcatggtgg 10

<210> 1659  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1659  
gaagaggatg 10

<210> 1660  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1660  
atgggggtgg 10

<210> 1661  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1661  
ggcatggtgg 10

<210> 1662

<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1662  
gcttgagtta 10

<210> 1663  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1663  
gaagaggatg 10

<210> 1664  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1664  
gcggtggctc 10

<210> 1665  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1665  
ggtgaggagt 10

<210> 1666  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 1666	
ggaggggagt	10
<210> 1667	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 1667	
tgggtcgcgg	10
<210> 1668	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 1668	
gtgggggaga	10
<210> 1669	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 1669	
gcgggtgggg	10
<210> 1670	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target	

DNA	
<400> 1670 gcgggtgggg	10
<210> 1671 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1671 ggggctgggt	10
<210> 1672 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1672 gcggtggctc	10
<210> 1673 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1673 gaggtgggga	10
<210> 1674 <211> 10 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: example target DNA	
<400> 1674	

ggaggggagt 10

<210> 1675  
<211> 10  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1675  
aaggtggcag 10

<210> 1676  
<211> 10  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1676  
aaggctgaga 10

<210> 1677  
<211> 10  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1677  
acggggttat 10

<210> 1678  
<211> 10  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1678  
acggggttat 10

<210> 1679  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1679  
acgggggttat 10

<210> 1680  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1680  
acgggggttat 10

<210> 1681  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1681  
ctggaagcat 10

<210> 1682  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1682  
ctatttttggg -10

<210> 1683  
<211> 10  
<212> DNA  
<213> Artificial Sequence



<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1683

ttggacggcg

10

<210> 1684

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1684

ttggacggcg

10

<210> 1685

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1685

gagggagcga

10

<210> 1686

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1686

ggtgaggagt

10

<210> 1687

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target

DNA		
<400> 1687		
gaggtgggga		10
<210> 1688		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 1688		
cgggcggctg		10
<210> 1689		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 1689		
cgggcggctg		10
<210> 1690		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 1690		
ttggacggcg		10
<210> 1691		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Description of Artificial Sequence: example target		
DNA		
<400> 1691		

ttggacggcg

10

<210> 1692

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1692

gcggtggctc

10

<210> 1693

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1693

gcggtggctc

10

<210> 1694

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1694

atggacgggt

10

<210> 1695

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1695

atggacgggt

10

<210> 1696  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1696  
cggggagcag 10

<210> 1697  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1697  
cggggagcag 10

<210> 1698  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1698  
ggggagcagc 10

<210> 1699  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1699  
ttgggagcgg 10

<210> 1700  
<211> 10  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1700

ttgggagcgg

10

<210> 1701

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1701

ttgggagcgg

10

<210> 1702

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1702

agggaggatg

10

<210> 1703

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1703

gagggagcga

10

<210> 1704

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 1704  
gagggagcga

10

<210> 1705  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1705  
gcgtgggcgt

10

<210> 1706  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 1706  
gcgtgggcgt

10

<210> 1707  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1707  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1708  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1708  
Gly Ser Trp His Leu Thr Arg

1

5

<210> 1709

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1709

Gln Ser Gly Asp Leu Thr Arg

1

5

<210> 1710

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1710

Gln Ser Gly Thr Leu Thr Arg

1

5

<210> 1711

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1711

Arg Ser Asp His Leu Ala Arg

1

5

<210> 1712

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1712

Arg Ser Asp His Leu Ala Arg

1

5

<210> 1713  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1713  
Gln Ser Ser Asn Leu Gln Arg  
1 5

<210> 1714  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1714  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1715  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1715  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1716  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1716  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1717  
<211> 7  
<212> PRT



<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1717

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1718

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1718

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1719

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1719

Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 1720

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1720

Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1721

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1721

Arg Ser Ser His Leu Thr Arg  
1 5

<210> 1722

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1722

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1723

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1723

Gln Ser Gly Asn Leu Ala Arg  
1 5

<210> 1724

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1724

Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 1725

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1725

Gln Ser Gly Asn Leu Ser Arg

1

5

<210> 1726  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1726  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1727  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1727  
Thr Thr Ser Asp Leu Thr Arg  
1 5

<210> 1728  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1728  
Gln Ser Gly Asn Leu Arg Thr  
1 5

<210> 1729  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1729  
Gln Ser Gly Asn Leu Arg Thr  
1 5

<210> 1730  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1730  
Gln Ser Gly Asn Leu Arg Thr  
1 5

<210> 1731  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1731  
Gln Ser Gly Asn Leu Arg Thr  
1 5

<210> 1732  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1732  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 1733  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1733  
Thr Thr Ser Ala Leu Thr Arg  
1 5

<210> 1734  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1734  
Arg Ser Asp Asp Val Thr Arg  
1 5

<210> 1735  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1735  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1736  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1736  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1737  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1737  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1738  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1738  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1739  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1739  
Arg Ser Ser Asn Leu Thr Arg  
1 5

<210> 1740  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1740  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 1741  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1741  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 1742  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1742  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1743  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1743  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1744  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1744  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1745  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1745  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1746  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1746  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1747  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1747  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 1748  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1748  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 1749  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1749  
Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 1750  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1750  
Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 1751  
<211> 7  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1751  
Gln Ser Gly Asn Leu Ala Arg  
1 5

<210> 1752  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1752  
Gln Ser Gly Asn Leu Ala Arg  
1 5

<210> 1753  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1753  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1754  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1754  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1755  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1755

Arg Ser Asp Glu Leu Arg Arg  
1 5

<210> 1756  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1756  
Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1757  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1757  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1758  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1758  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1759  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1759  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1760  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1760  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 1761  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1761  
Thr Thr Ser Asn Leu Ala Arg  
1 5

<210> 1762  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1762  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 1763  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1763  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 1764  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1764

Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 1765

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1765

Gln Ser Ser Asn Leu Ala Arg  
1 5

<210> 1766

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1766

Gln Ser Ser Asp Leu Thr Arg  
1 5

<210> 1767

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1767

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1768

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1768  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1769  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1769  
Arg Ser Asp Asp Leu Thr Arg  
1 5

<210> 1770  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1770  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1771  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1771  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 1772  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1772  
Arg Ser Asp His Leu Ala Arg

1

5

<210> 1773  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1773  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 1774  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1774  
Gln Ser Ser Asp Leu Thr Arg  
1 5

<210> 1775  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1775  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 1776  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1776  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1777

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1777  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1778  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1778  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1779  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1779  
Gln Arg Gly Ala Leu Ala Ser  
1 5

<210> 1780  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1780  
Gln Arg Gly Ala Leu Ala Ser  
1 5

<210> 1781  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1781  
Gln Arg Ser Ala Leu Ala Ser  
1 5

<210> 1782  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1782  
Gln Arg Ser Ala Leu Ala Ser  
1 5

<210> 1783  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1783  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1784  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1784  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1785  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP



<400> 1785  
Asp Ser Gly His Leu Thr Arg  
1 5

<210> 1786  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1786  
Asp Arg Ser His Leu Thr Arg  
1 5

<210> 1787  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1787  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 1788  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1788  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1789  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1789  
Arg Ser His His Leu Ala Arg  
1 5

<210> 1790  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1790  
Gln Ser Ser Asp Leu Arg Arg  
1 5

<210> 1791  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1791  
Gln Ser Ser Asp Leu Arg Arg  
1 5

<210> 1792  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1792  
Asp Ser Gly His Leu Thr Arg  
1 5

<210> 1793  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1793  
Asp Arg Ser His Leu Thr Arg  
1 5

<210> 1794  
<211> 7

<212> PRT  
 <213> Artificial Sequence  
 #  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
 ,  
 <400> 1794  
 Gln Ser Ser Asp Leu Gln Arg  
 1 5  
  
 <210> 1795  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1795  
 Gln Ser Ser Asp Leu Gln Arg  
 1 5  
  
 <210> 1796  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1796  
 Arg Ser Asp His Leu Ala Arg  
 1 5  
  
 <210> 1797  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1797  
 Arg Ser Asp His Leu Ala Arg  
 1 5  
  
 <210> 1798  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>

<223> Description of Artificial Sequence: example ZFP

<400> 1798

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1799

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1799

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1800

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1800

Arg Ser Ser Asn Leu Arg Glu  
1 5

<210> 1801

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1801

Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 1802

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1802

Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 1803

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1803

Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 1804

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1804

Gln Ser Asp Asn Leu Ala Arg  
1 5

<210> 1805

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1805

Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 1806

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1806

Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1807  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1807  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 1808  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1808  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 1809  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1809  
Arg Ser Asp Ser Leu Ala Arg  
1 5

<210> 1810  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1810  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1811  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1811  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1812  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1812  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1813  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1813  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1814  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1814  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1815  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1815  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1816  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1816  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1817  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1817  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1818  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1818  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1819  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1819  
Arg Ser Asp His Leu Thr Arg  
1 5



<210> 1820  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1820  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1821  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1821  
Thr Ser Ala Asn Leu Ala Arg  
1 5

<210> 1822  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1822  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1823  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1823  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1824

<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1824  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1825  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1825  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1826  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1826  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1827  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1827  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1828  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1828  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1829  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1829  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1830  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1830  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1831  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1831  
Gln Ser Ser Thr Leu Arg Arg  
1 5

<210> 1832  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 1832

Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1833  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1833  
Gln Ser Ser Thr Leu Arg Arg  
1 5

<210> 1834  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1834  
Gln Ser Gly His Leu Thr Arg  
1 5

<210> 1835  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1835  
Gln Ser Gly His Leu Thr Arg  
1 5

<210> 1836  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1836  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 1837  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1837  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1838  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1838  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1839  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1839  
Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1840  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1840  
Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1841  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1841

Asp Arg Ser His Leu Ala Arg  
1 5

<210> 1842

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1842

Arg Ser Asp Glu Leu Ser Arg  
1 5

<210> 1843

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1843

Arg Ser Asp Glu Leu Ser Arg  
1 5

<210> 1844

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1844

Arg Ser Asp Asp Leu Gln Arg  
1 5

<210> 1845

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1845  
Arg Ser Asp Asp Leu Gln Arg  
1 5

<210> 1846  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1846  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1847  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1847  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1848  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1848  
Arg Ser Asp Ser Leu Ala Arg  
1 5

<210> 1849  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1849  
Arg Ser Asp Ser Leu Ala Arg  
1 5

<210> 1850  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1850  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 1851  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1851  
Arg Gln Asp Thr Leu Val Gly  
1 5

<210> 1852  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1852  
Arg Lys Asp Val Leu Val Ser  
1 5

<210> 1853  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1853  
Arg Leu Asp Gly Leu Arg Thr  
1 5

<210> 1854



<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1854  
Arg Gln Asp Thr Leu Val Gly  
1 5

<210> 1855  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1855  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1856  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1856  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1857  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1857  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 1858  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1858  
Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 1859  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1859  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1860  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1860  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1861  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1861  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1862  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1862  
Arg Ser Asp Ala Leu Thr Ser  
1 5

<210> 1863  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1863  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1864  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1864  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1865  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1865  
Arg Ser Asp Ala Leu Arg Gln  
1 5

<210> 1866  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1866  
Gln Ser Gly His Leu Gln Lys  
1 5

<210> 1867  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1867  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1868  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1868  
Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1869  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1869  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1870  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1870  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1871  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1871

Asp Arg Ser Ala Leu Ala Arg

1

5

<210> 1872

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1872

Arg Ser Asp His Leu Ser Arg

1

5

<210> 1873

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1873

Gln Ser Ser His Leu Ala Arg

1

5

<210> 1874

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1874

Gln Ser Ser His Leu Ala Arg

1

5

<210> 1875

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1875

Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 1876

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1876

Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1877

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1877

Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1878

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1878

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1879

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1879

Arg Ser Asp Ala Leu Ala Arg

1

5

<210> 1880  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1880  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1881  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1881  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1882  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1882  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1883  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1883  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1884  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1884  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1885  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1885  
Gln Ser Gly Asn Leu Ala Arg  
1 5

<210> 1886  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1886  
Gln Ser Ser Ala Leu Arg Thr  
1 5

<210> 1887  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1887  
Asp Arg Ser Asn Leu Glu Arg  
1 5

<210> 1888  
<211> 7  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1888  
Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 1889  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1889  
Gln Ser Ala His Leu Ala Arg  
1 5

<210> 1890  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1890  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1891  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1891  
Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1892  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1892  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1893  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1893  
Arg Ala Asp Thr Leu Arg Arg  
1 5

<210> 1894  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1894  
Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 1895  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1895  
Asp Arg Ser Asn Leu Glu Arg  
1 5

<210> 1896  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1896  
Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1897  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1897  
Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1898  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1898  
Asp Arg Ser Asn Leu Glu Arg  
1 5

<210> 1899  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1899  
Asp Arg Ser Asn Leu Thr Arg  
1 5

<210> 1900  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1900  
Gln Ser Gly His Leu Thr Arg  
1 5

<210> 1901  
<211> 7

<212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1901  
 Gln Ser Gly His Leu Thr Arg  
   1                  5  
  
  
 <210> 1902  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1902  
 Arg Ser Asp Asn Leu Ala Arg  
   1                  5  
  
  
 <210> 1903  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1903  
 Gln Ser Gly His Leu Gln Arg  
   1                  5  
  
  
 <210> 1904  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 1904  
 Gln Ser Gly His Leu Gln Arg  
   1                  5  
  
  
 <210> 1905  
 <211> 7  
 <212> PRT  
 <213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1905  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1906  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1906  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1907  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1907  
Gln Ser Gly His Leu Ala Arg  
1 5

<210> 1908  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1908  
Gln Ser Gly His Leu Ala Arg  
1 5

<210> 1909  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1909

Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1910  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1910  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1911  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1911  
Arg Leu Asp Asn Arg Thr Ala  
1 5

<210> 1912  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1912  
Arg Ser Asp Ser Leu Thr Lys  
1 5

<210> 1913  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1913  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1914  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1914  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1915  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1915  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 1916  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1916  
Arg Ser Asp Ser Leu Thr Lys  
1 5

<210> 1917  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1917  
Arg Ser Asp Asn Leu Gln Arg  
1 5

<210> 1918  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1918

Arg Lys Asp Asn Met Thr Ala  
1 5

<210> 1919

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1919

Arg Lys Asp Asn Met Thr Gln  
1 5

<210> 1920

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1920

Arg Lys Asp Asn Met Thr Asn  
1 5

<210> 1921

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1921

Arg Leu Asp Asn Arg Thr Ala  
1 5

<210> 1922

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP



<400> 1922  
Arg Leu Asp Asn Arg Thr Gln  
1 5

<210> 1923  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1923  
Arg Ser Asp Thr Leu Arg Ser  
1 5

<210> 1924  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1924  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 1925  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1925  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 1926  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1926  
Arg Ser Asp His Leu Arg Glu

1

5

<210> 1927  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1927  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 1928  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1928  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 1929  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1929  
Asn Arg Ala Thr Leu Ala Arg  
1 5

<210> 1930  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1930  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1931

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1931  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1932  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1932  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1933  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1933  
Arg Ser Asp Asn Leu Thr Thr  
1 5

<210> 1934  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1934  
Arg Ser Asp Asn Leu Thr Ser  
1 5

<210> 1935  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1935  
Arg Ser Asp Asn Leu Thr Ser  
1 5

<210> 1936  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1936  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1937  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1937  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1938  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1938  
Arg Ser Asp Asp Leu Arg Arg  
1 5

<210> 1939  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1939  
Arg Leu Asp Asn Arg Thr Ala  
1 5

<210> 1940  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1940  
Arg Ser Asp Asn Leu Thr Gln  
1 5

<210> 1941  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1941  
Arg Leu Asp Asn Arg Thr Ala  
1 5

<210> 1942  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1942  
Arg Ser Asp Asn Leu Thr Gln  
1 5

<210> 1943  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1943  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1944  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1944  
Gln Ser Gly His Leu Thr Lys  
1 5

<210> 1945  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1945  
Gln Ser His Gly Leu Thr Ser  
1 5

<210> 1946  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1946  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1947  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1947  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1948  
<211> 7

<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1948  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1949  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1949  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 1950  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1950  
Arg Ser Asp Asn Leu Thr Gln  
1 5

<210> 1951  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1951  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1952  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1952

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1953

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1953

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1954

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1954

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1955

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1955

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1956

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1956

Arg Ser Asp Asn Leu Ala Arg



1

5

<210> 1957  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1957  
Met Ser Asp His Leu Ser Arg  
1 5

<210> 1958  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1958  
Met Ser His His Leu Ser Arg  
1 5

<210> 1959  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1959  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1960  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1960  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1961  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1961  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 1962  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1962  
Arg Ser Asp Ala Leu Thr Lys  
1 5

<210> 1963  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1963  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 1964  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1964  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 1965  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1965  
Gln Ser Gly Asn Leu Thr Arg  
1 5

<210> 1966  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1966  
Arg Ser Asp Ala Leu Arg Gln  
1 5

<210> 1967  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1967  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 1968  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1968  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 1969  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1969  
Gln Ser Gly Asn Leu Thr Arg  
1 5

<210> 1970  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1970  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 1971  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1971  
Asp Ser Ser Lys Leu Ser Arg  
1 5

<210> 1972  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1972  
Gln Ser Gly His Leu Ala Arg  
1 5

<210> 1973  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1973  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1974  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1974  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1975  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 1975  
Arg Ser Asp Asp Leu Thr Arg  
1 5

<210> 1976  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1976  
Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 1977  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1977  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1978  
<211> 7

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1978  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1979  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1979  
Arg Ser Asp Asn Leu Ser Arg  
1 5

<210> 1980  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1980  
Gln Arg Gly His Leu Ser Arg  
1 5

<210> 1981  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1981  
Arg Ser Asp Asn Arg Thr Ala  
1 5

<210> 1982  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1982  
Arg Ser Asp Asn Leu Thr Gln  
1 5

<210> 1983  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1983  
Arg Ser Asp Thr Leu Lys Gln  
1 5

<210> 1984  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1984  
Arg Ser Asp Thr Leu Thr Gln  
1 5

<210> 1985  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1985  
Arg Ser Asp Thr Leu Lys Gln  
1 5

<210> 1986  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1986

Arg Ser Asp Thr Leu Thr Gln  
1 5

<210> 1987  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1987  
Arg Ser Asp Ala Leu Arg Glu  
1 5

<210> 1988  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1988  
Gln Ser Gly Ala Leu Arg Glu  
1 5

<210> 1989  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1989  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 1990  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1990  
Arg Gly Asp Ala Leu Thr Ser  
1 5



<210> 1991  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1991  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1992  
<211> 7  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1992  
Asn Arg Ser His Leu Ala Arg  
1 5

<210> 1993  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1993  
Arg Ser Asp Asn Leu Ser Arg  
1 5

<210> 1994  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1994  
Arg Ser Asp His Leu Arg Glu  
1 5

<210> 1995  
<211> 7  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1995

Arg Ser Asp His Leu Arg Glu  
1 5

<210> 1996

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1996

Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 1997

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1997

Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 1998

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1998

Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 1999

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1999

Arg Ser Asp Thr Leu Lys Lys  
1 5

<210> 2000

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2000

Arg Ser Asp Ser Leu Asn Gln  
1 5

<210> 2001

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2001

Arg Ser Asp Ala Leu Ser Ala  
1 5

<210> 2002

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2002

Arg Ser Asp His Leu Ala Glu  
1 5

<210> 2003

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2003

Arg Ser Asp His Leu Arg Ala

1

5

<210> 2004  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2004  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 2005  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2005  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 2006  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2006  
Arg Ser Asp Ala Leu Thr Ser  
1 5

<210> 2007  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2007  
Arg Gly Asp Ala Leu Arg Ser  
1 5

<210> 2008

<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2008  
Arg Ser Asp His Leu Thr Gln  
1 5

<210> 2009  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2009  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 2010  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2010  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 2011  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2011  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 2012  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2012  
Arg Ser Asp Glu Arg Lys Arg  
1 5

<210> 2013  
<211> 9  
<212> DNA  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2013  
atggaaggg

9

<210> 2014  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2014  
aagggtgac

9

<210> 2015  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2015  
gtggtggtg

9

<210> 2016  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2016  
aaggtctca

9

<210> 2017  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2017  
gtggaagaa

9

<210> 2018  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2018  
atggaagat

9

<210> 2019  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2019  
atgggtgca

9

<210> 2020  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2020  
tcagaggtg

9

<210> 2021  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2021  
caggaaaag

9

<210> 2022  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2022  
caggaaaag

9

<210> 2023  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2023  
gaggaagga

9

<210> 2024  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2024  
tcatagtag

9

<210> 2025



<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2025  
gatgtggta

9

<210> 2026  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2026  
aaggtctca

9

<210> 2027  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2027  
aaggtctca

9

<210> 2028  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2028  
aaggtctca

9

<210> 2029  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2029  
gtggtggtg

9

<210> 2030  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2030  
caggttgag

9

<210> 2031  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2031  
caggttgag

9

<210> 2032  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2032  
caggtagat

9

<210> 2033  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2033  
gaggaagag

9

<210> 2034  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2034  
atggaaggg

9

<210> 2035  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2035  
gacgaggaa

9

<210> 2036  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2036  
atggaagat

9

<210> 2037  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2037  
atgggtgca

9

<210> 2038  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2038  
gtgggggct

9

<210> 2039  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2039  
gtgggggct

9

<210> 2040  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2040  
gggggctgg

9

<210> 2041  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2041  
gggggctgg

9

<210> 2042

<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2042  
ggggctggg

9

<210> 2043  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2043  
ggggctggg

9

<210> 2044  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2044  
ggggctggg

9

<210> 2045  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2045  
ggggctggg

9

<210> 2046  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2046  
ggtgcggtg

9

<210> 2047  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2047  
ggtgcggtg

9

<210> 2048  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2048  
ggtgcggtg

9

<210> 2049  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2049  
ggtgcggtg

9

<210> 2050  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target

DNA	
<400> 2050 gaggcggca	9
<210> 2051	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 2051 gaggcggca	
9	
<210> 2052	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 2052 gcggcggtg	
9	
<210> 2053	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 2053 gcggcggcc	
9	
<210> 2054	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: example target DNA	
<400> 2054 gaggaggcc	
9	

<210> 2055  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2055  
gaggaggcc

9

<210> 2056  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2056  
gaggccgca

9

<210> 2057  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2057  
gaggccgca

9

<210> 2058  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2058  
gtgggcgcc

9

<210> 2059



<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2059  
gtgggcgcc

9

<210> 2060  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2060  
gtgggcgcc

9

<210> 2061  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2061  
gccgcggtc

9

<210> 2062  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2062  
gccgcggtc

9

<210> 2063  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2063  
caggccgct

9

<210> 2064  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2064  
caggccgct

9

<210> 2065  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2065  
ctggcagtg

9

<210> 2066  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2066  
ctggcagtg

9

<210> 2067  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target

DNA

<400> 2067

ctggcgggcg

9

<210> 2068

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2068

ctggcgggcg

9

<210> 2069

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2069

cagggcgggcg

9

<210> 2070

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2070

ccgggctgg

9

<210> 2071

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2071

ccgggctgg

9

<210> 2072

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2072

gacggcgag

9

<210> 2073

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2073

gacggcgag

9

<210> 2074

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2074

ggtgctgat

9

<210> 2075

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2075

ggtgctgat

9

<210> 2076

<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2076  
ggtgctgat

9

<210> 2077  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2077  
ggtgagggg

9

<210> 2078  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2078  
aaggtgggc

9

<210> 2079  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2079  
aaggtgggc

9

<210> 2080  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2080  
ggggctggg

9

<210> 2081  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2081  
gggggctgg

9

<210> 2082  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2082  
ggggaggaa

9

<210> 2083  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2083  
cagttggtc

9

<210> 2084  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target

DNA

<400> 2084  
agagaggct

9

<210> 2085  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2085  
acgtagtag

9

<210> 2086  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2086  
agagaggct

9

<210> 2087  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2087  
cagttggtc

9

<210> 2088  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2088

ggagctgac

9

<210> 2089

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2089

gcggaggag

9

<210> 2090

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2090

acgtagtag

9

<210> 2091

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2091

acgtagtag

9

<210> 2092

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2092

gtaggggcg

9



<210> 2093  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2093  
gagagagat

9

<210> 2094  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2094  
gagatggag

9

<210> 2095  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2095  
gagatggag

9

<210> 2096  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2096  
gagagagat

9

<210> 2097  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2097

ttggtggcg

9

<210> 2098

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2098

gacgtaggg

9

<210> 2099

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2099

gagagagat

9

<210> 2100

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2100

gacgtaggg

9

<210> 2101

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target

DNA

<400> 2101  
gcggaggag

9

<210> 2102  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2102  
cagttggtc

9

<210> 2103  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2103  
ctggatgac

9

<210> 2104  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2104  
gtagtagaa

9

<210> 2105  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2105

agggaggag

9

<210> 2106

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2106

acgtagtag

9

<210> 2107

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2107

gaggaggtg

9

<210> 2108

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2108

ggggaggaa

9

<210> 2109

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2109

gaggaggtg

9

<210> 2110  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2110  
gtggcttgt

9

<210> 2111  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2111  
gcggcggtg

9

<210> 2112  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2112  
ggtgctgat

9

<210> 2113  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2113  
gtgttcgtg

9

<210> 2114  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2114

gtgttcgtg

9

<210> 2115

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2115

gtgttcgtg

9

<210> 2116

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2116

gtaggggca

9

<210> 2117

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2117

gtaggggca

9

<210> 2118

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2118  
ggggctggg

9

<210> 2119  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2119  
ggggctggg

9

<210> 2120  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2120  
tcatagtag

9

<210> 2121  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2121  
caggagag

9

<210> 2122  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2122  
cagggagag

9

<210> 2123  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2123  
ggggcagga

9

<210> 2124  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2124  
ggggcagga

9

<210> 2125  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2125  
ggggcagga

9

<210> 2126  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2126  
caggctgta

9